

FIG. 1

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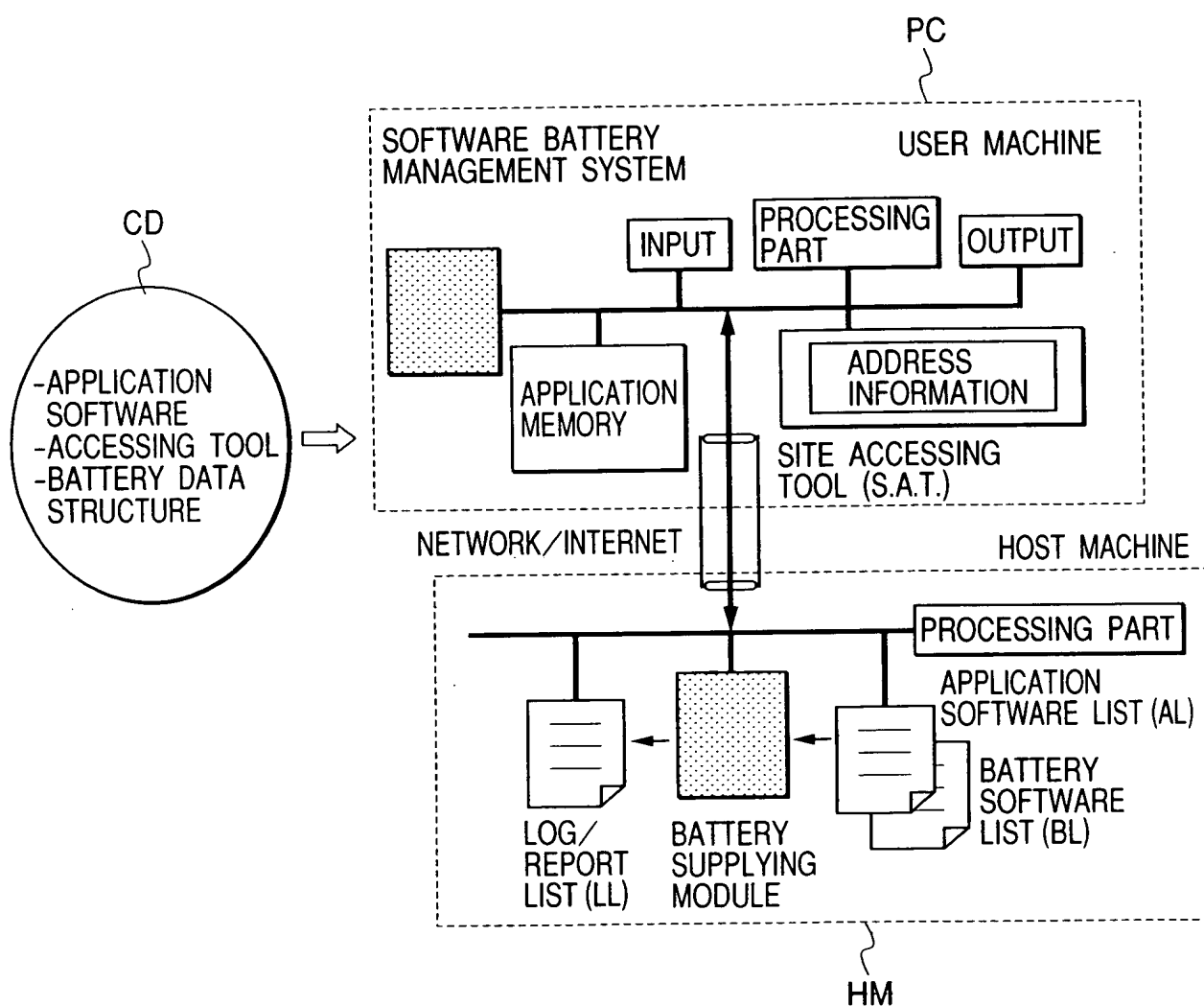


FIG. 2

APPLICATION LIST (AL)

APPLICATION ID	APPLICATION NAME	BATTERY ID	VALID/INVALID
		↓	

BATTERY LIST (BL)

BATTERY ID	CLAIMER ID	BATTERY SUPPLYING UNIT	BATTERY UNIT PRICE

BATTERY SUPPLYING HISTORY (BH)

DATE	KEY 1	KEY 3	APPLICATION ID	BATTERY ID	SUPPLYING AMOUNT

KEY 1 IS AVAILABLE TO IDENTIFY A USER

FIG. 3

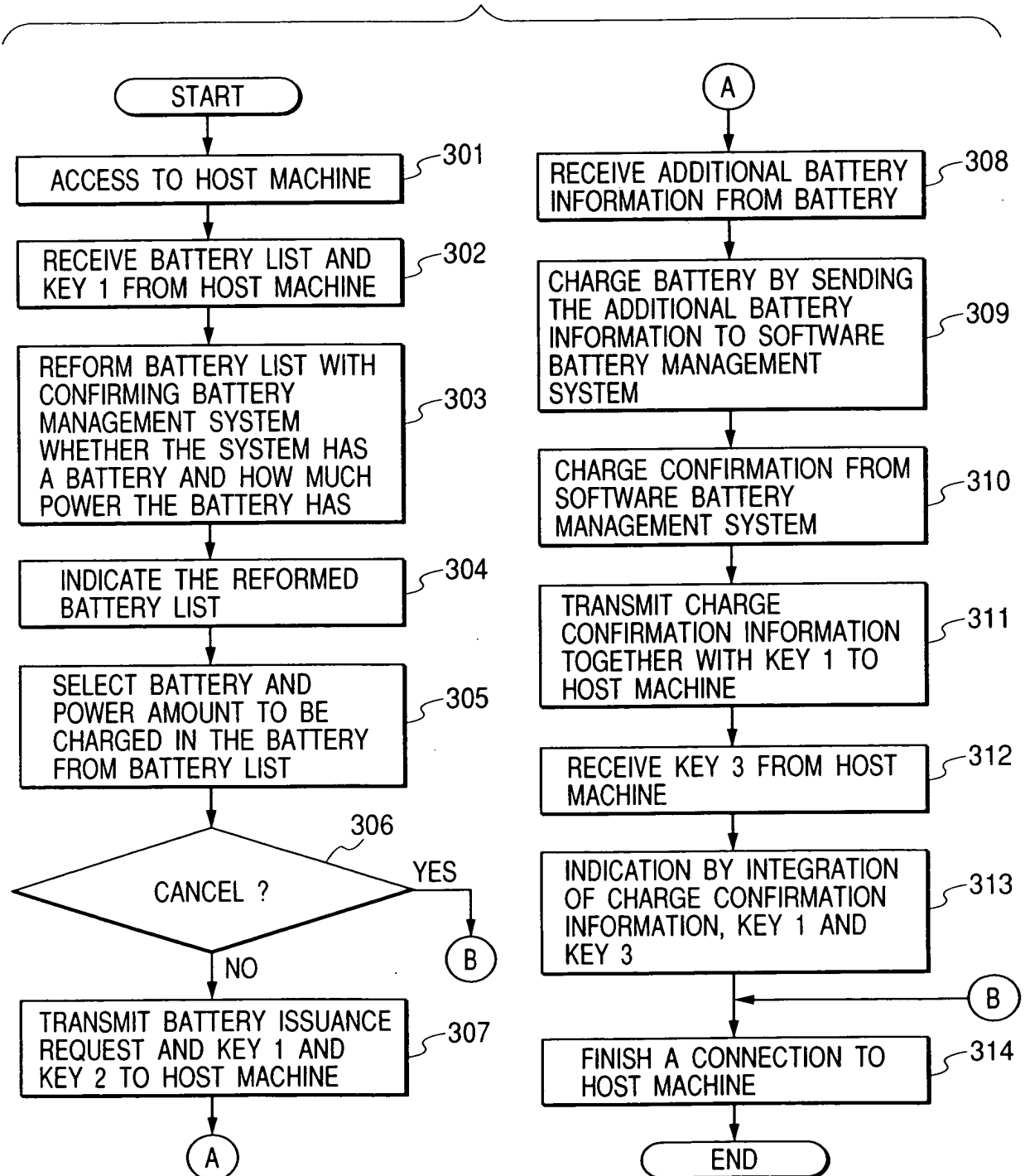


FIG. 4

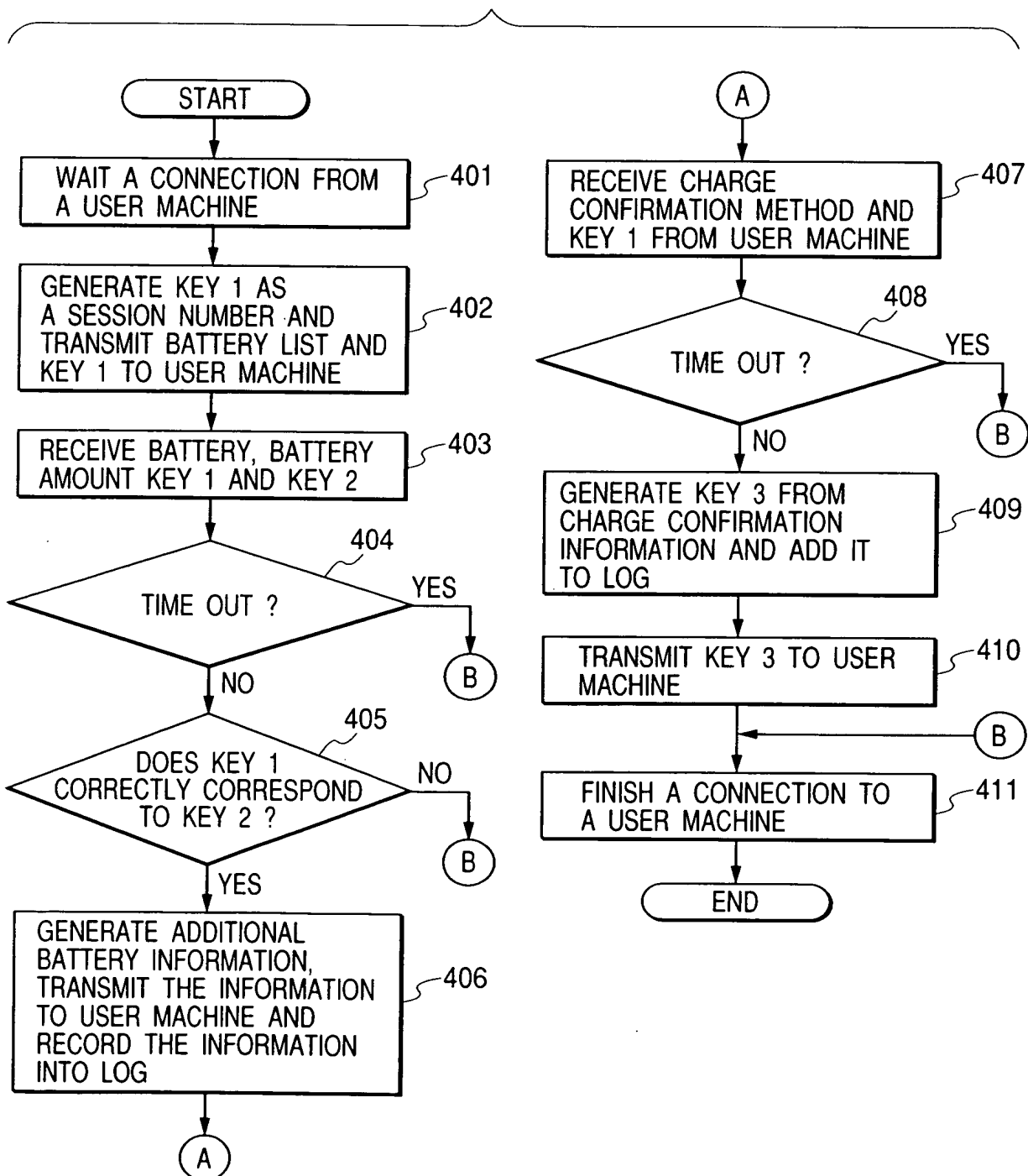


FIG. 6

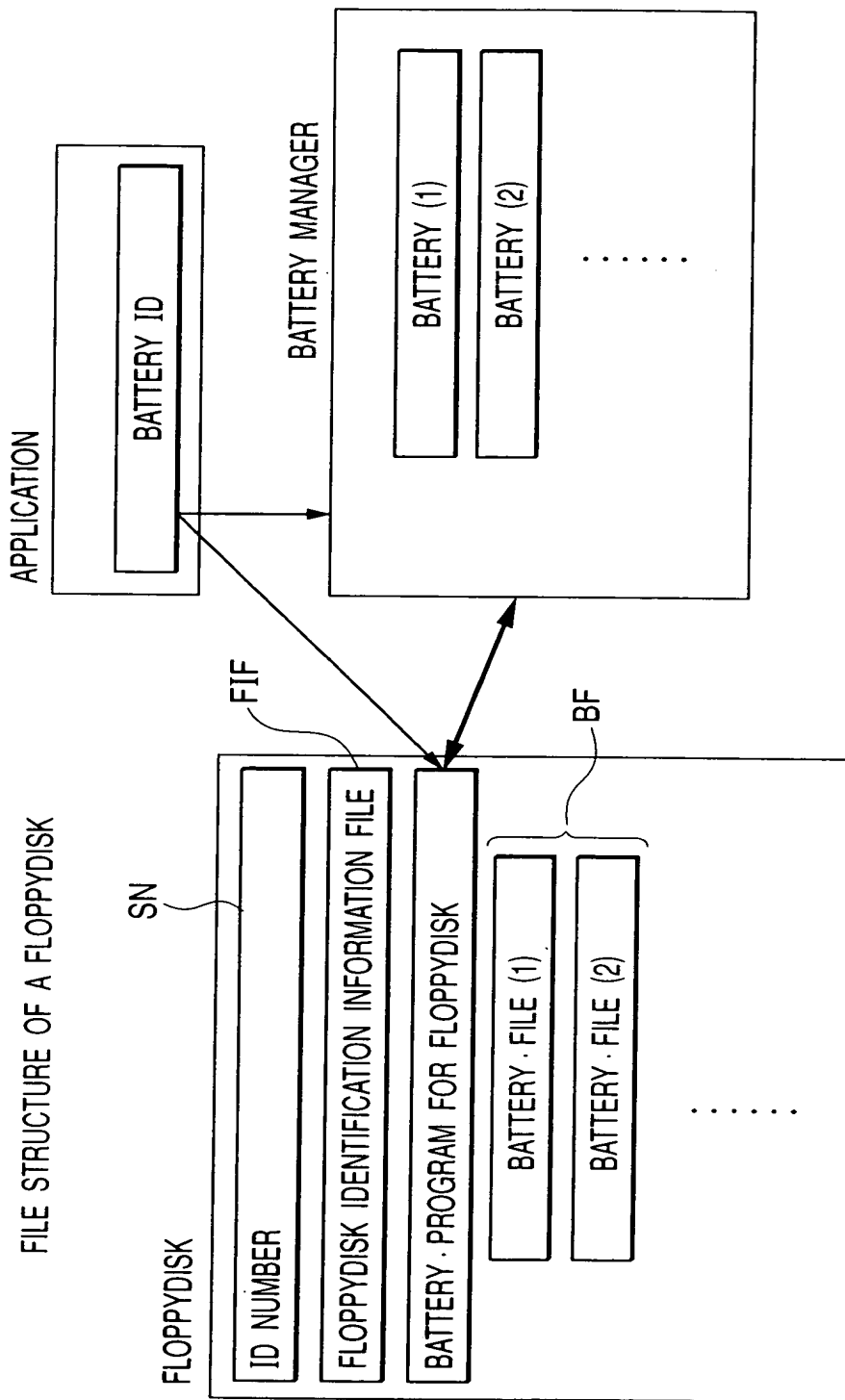


FIG. 7

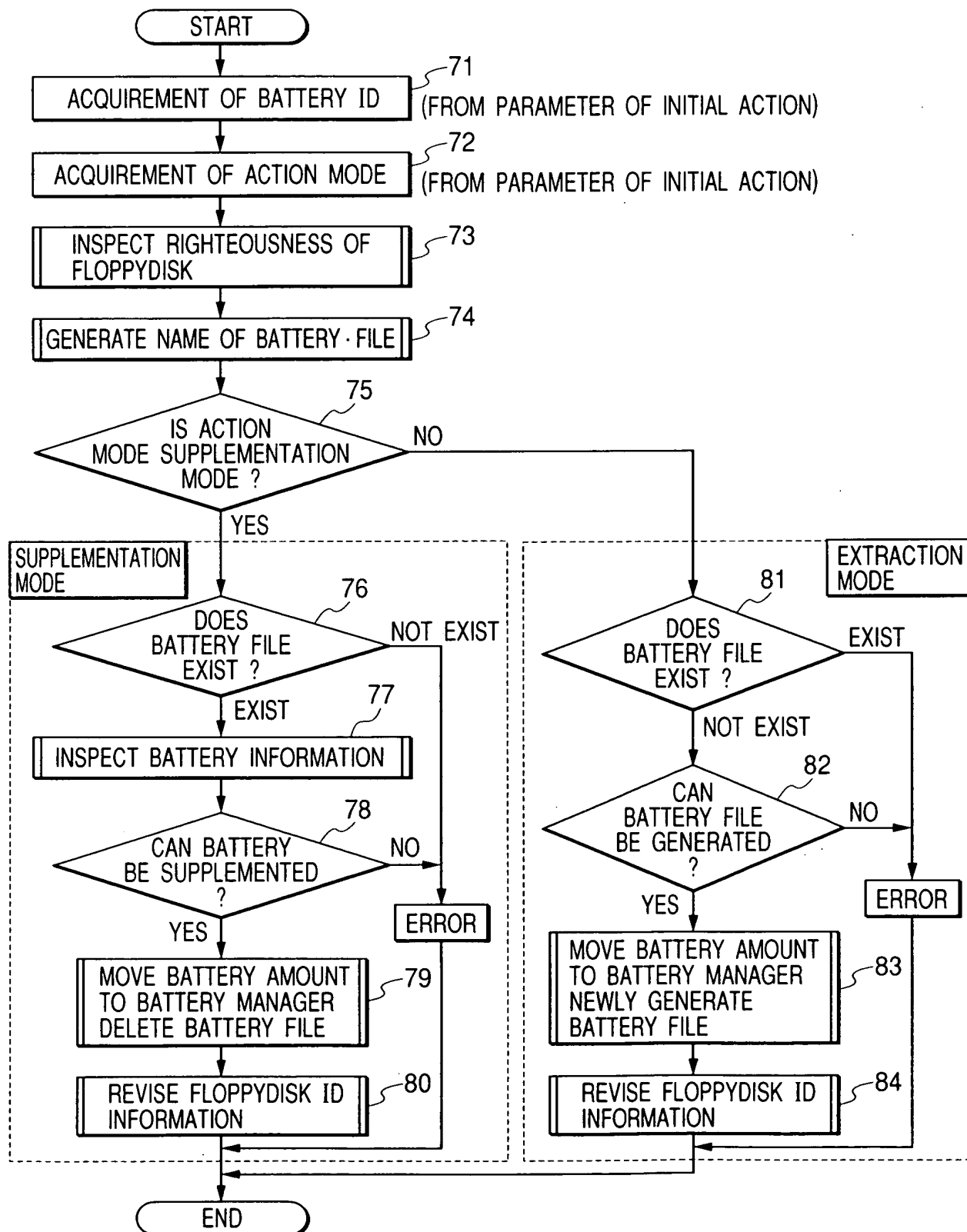
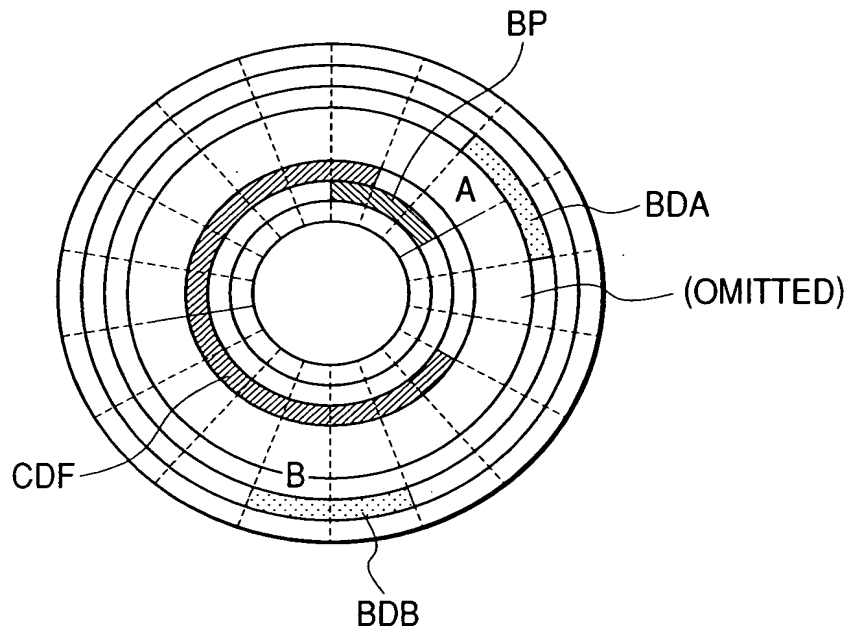
OUTLINE OF ACTION OF BATTERY
PROGRAM FOR FLOPPYDISK

FIG. 8

FD FOR BATTERY



BATTERY MANAGEMENT DATA FORMAT

SERIAL NUMBER OF FLOPPYDISK
FINALLY OPERATED DATE/TIME INFORMATION
FINALLY OPERATED BATTERY ID
FINALLY OPERATED BATTERY SUMMARY *1

* 1: NUMERAL DATA LIKE CHECK
SUM TO CHECK IF BATTERY
DATA IS NOT CHANGED

BATTERY DATA FORMAT

IDENTIFICATION INFORMATION OF BATTERY TYPE *2
BATTERY AMOUNT (INTEGER) *2
IDENTIFICATION FLAG OF POSSIBLE TO CHARGE OR IMPOSSIBLE TO CHARGE
IDENTIFICATION FLAG OF ATTACHABLE OR DETACHABLE
ESTIMATION VALUE OF REMAINING USABLE TIME/ NUMBER OF TIME

* 2: IT IS POSSIBLE TO ARRANGE
TYPE AND AMOUNT OF
BATTERY IN A VALUE

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FIG. 9

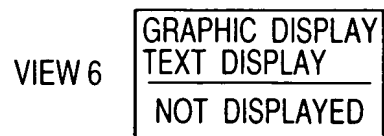
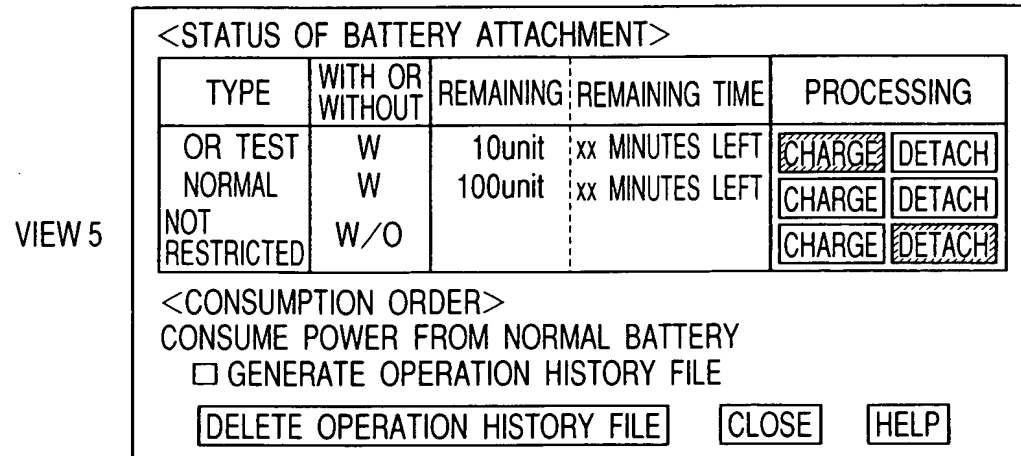
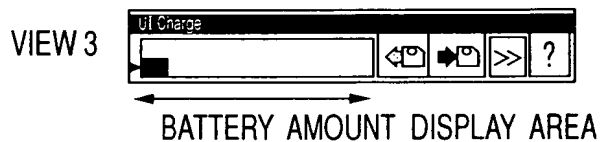
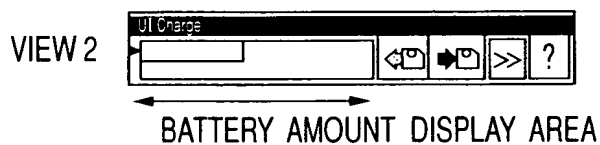
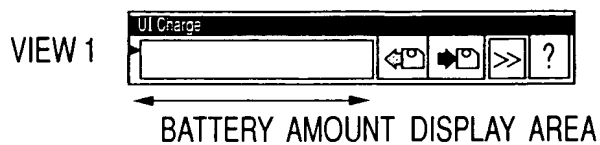


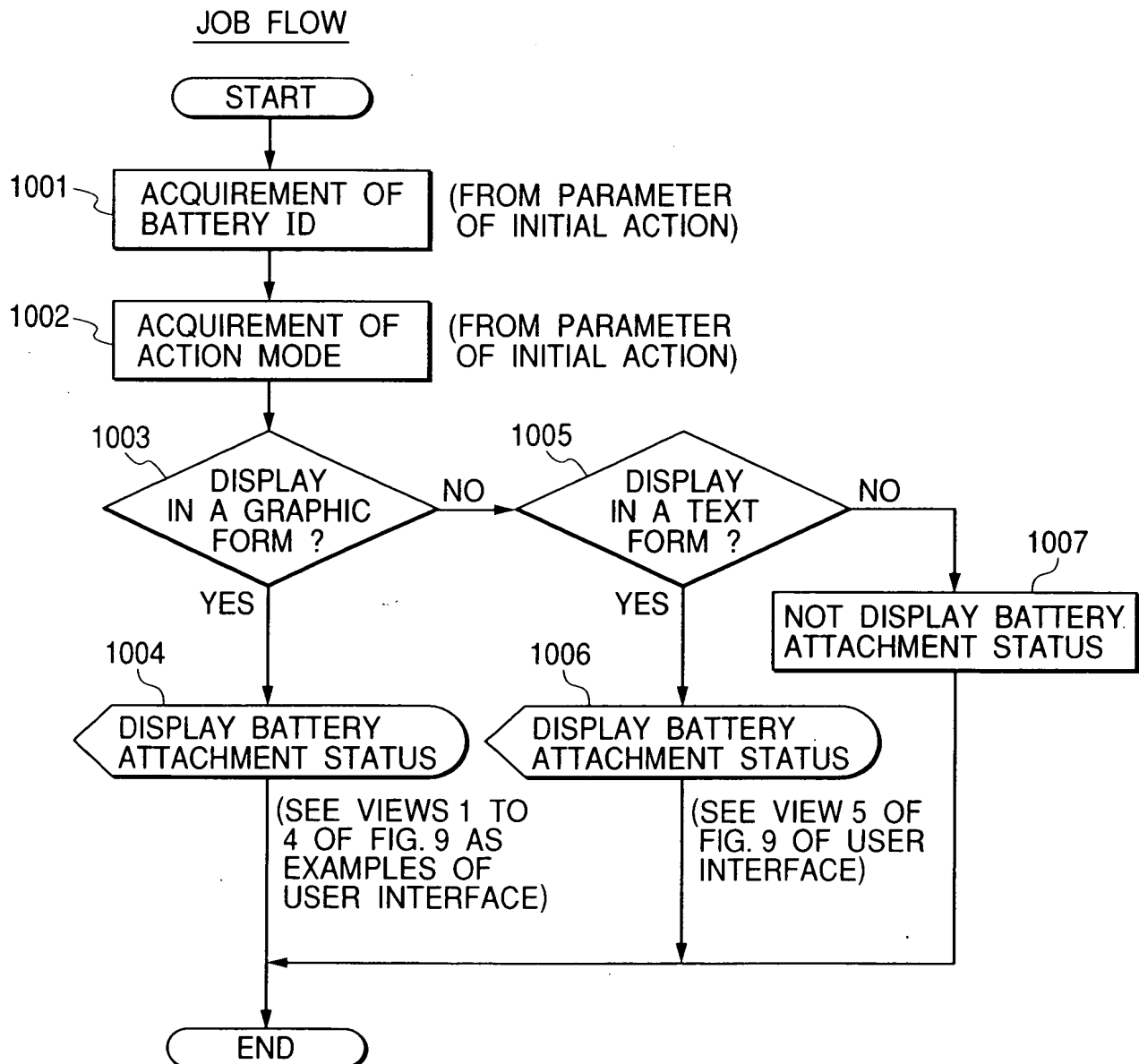






FIG. 10




FIG. 11VIEW EXAMPLE

VIEW 1

ESTIMATION DISPLAY VIEW

<STATUS OF BATTERY ATTACHMENT>				
TYPE	WITH OR WITHOUT	REMAINING	REMAINING TIME	PROCESSING
OR TEST	W	10unit	xx MINUTES LEFT	 
NORMAL	W	100unit	xx MINUTES LEFT	 
NOT RESTRICTED	W/O			 

<CONSUMPTION ORDER>
 CONSUME POWER FROM NORMAL BATTERY
☐ GENERATE OPERATION HISTORY FILE

BATTERY DATA FORMAT




IDENTIFICATION INFORMATION OF BATTERY TYPE *2
BATTERY AMOUNT (INTEGER) *2
IDENTIFICATION FLAG OF POSSIBLE TO CHARGE OR IMPOSSIBLE TO CHARGE
IDENTIFICATION FLAG OF ATTACHABLE OR DETACHABLE
ESTIMATION VALUE OF REMAINING USABLE TIME/NUMBER OF TIME *3

*2: IT IS POSSIBLE TO ARRANGE TYPE AND AMOUNT OF BATTERY IN A VALUE

*3: CALCULATED AND REVISED ACCORDING TO SUMMARY FILE OF OPERATION HISTORY INFORMATION ACCUMULATED IN MAIN BODY

VIEW 2

NOTICE OF REMAINING AMOUNT DISPLAY VIEW

	NOW USING BATTERY WILL BE RUN DOWN BY REMAINING xx TIMES
 	

OPERATION HISTORY INFORMATION ACCUMULATED IN A SYSTEM

<SPECIFIED DATA FILE>

BATTERY ID
OPERATION START TIME/DATE
SOFTWARE OPERATION FINISH TIME/DATE
OPERATION TIME
OPERATION UNIT NUMBER

<SUMMARY DATA FILE>

BATTERY ID
ACCUMULATED OPERATION TIME
ACCUMULATED OPERATION UNIT NUMBER

FIG. 12

FUNCTION ESTIMATED OPERATION POSSIBLE TIME/NUMBER
OF TIME FROM REMAINING AMOUNT OF BATTERY

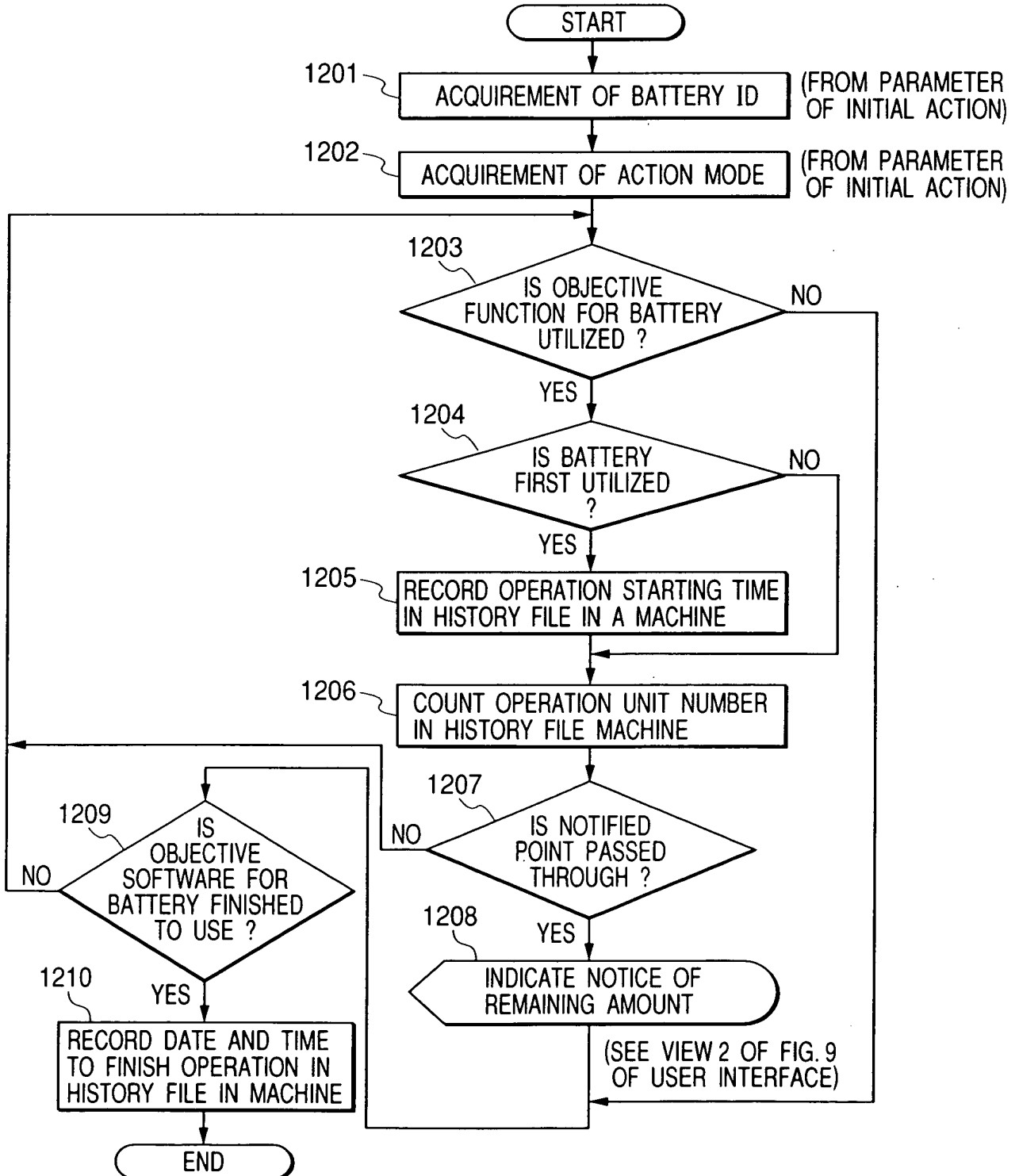
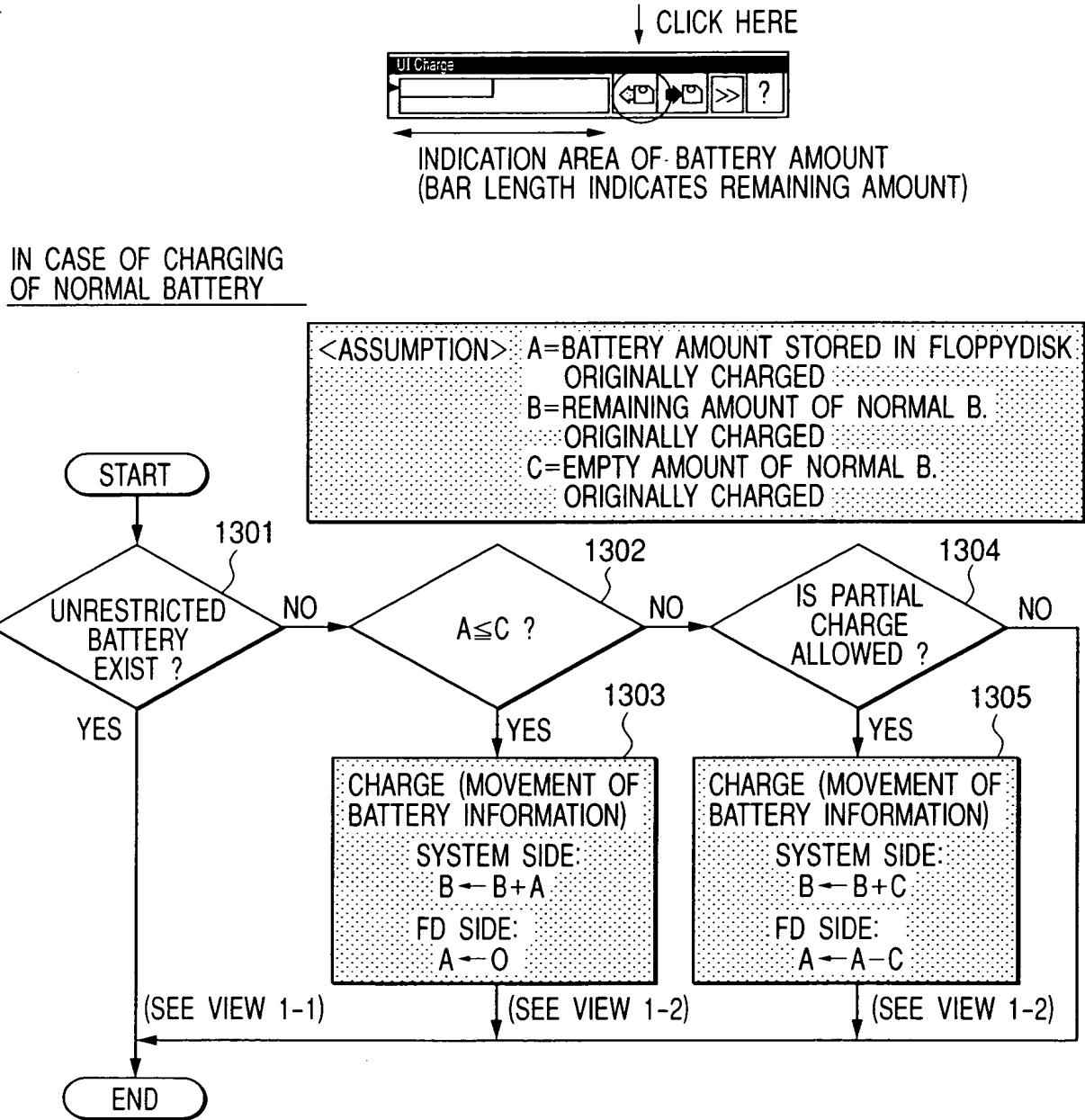


FIG. 13



VIEW 1-1
INDICATE A WINDOW
TO EXPLAIN IMPOSSIBLE
TO CHARGE

THIS APPLICATION CAN NOT
CHARGE NORMAL BATTERY
BECAUSE UNRESTRICTED
BATTERY IS ATTACHED

OK

HELP

VIEW 1-2
INDICATE ANIMATION THAT
LINES ON BATTERY ROTATES

NORMAL BATTERY UNDER
CHARGING



CANCEL

VIEW 1-3
INDICATE BATTERY OF
FULL CHARGED CONDITION

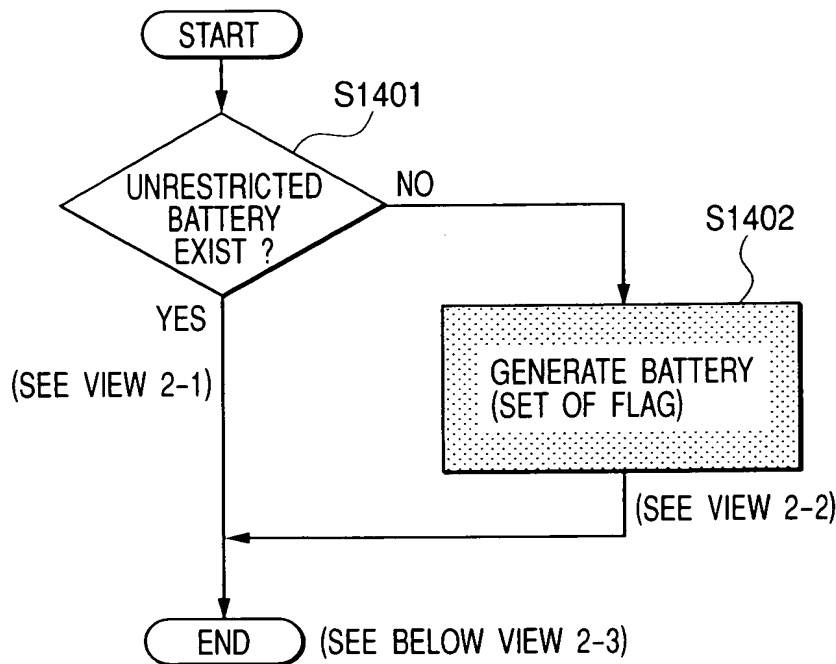
NORMAL BATTERY CHARGE
COMPLETION



OK

FIG. 14

IN CASE OF CHARGING OF UNRESTRICTED BATTERY
 (→ IN CASE OF ATTACHING UNRESTRICTED BATTERY)




VIEW 2-1
 INDICATE A WINDOW
 TO EXPLAIN THAT
 UNRESTRICTED BATTERY
 EXISTS

UNRESTRICTED BATTERY
 IS ATTACHED IN THIS
 APPLICATION

OK HELP

VIEW 2-2
 INDICATE ANIMATION THAT
 LINES ON BATTERY ROTATES


UNRESTRICTED BATTERY
 UNDER ATTACHED



CANCEL

VIEW 2-3
 INDICATE CONDITION TO
 COMPLETE ATTACHMENT

UNRESTRICTED BATTERY
 ATTACHMENT COMPLETION

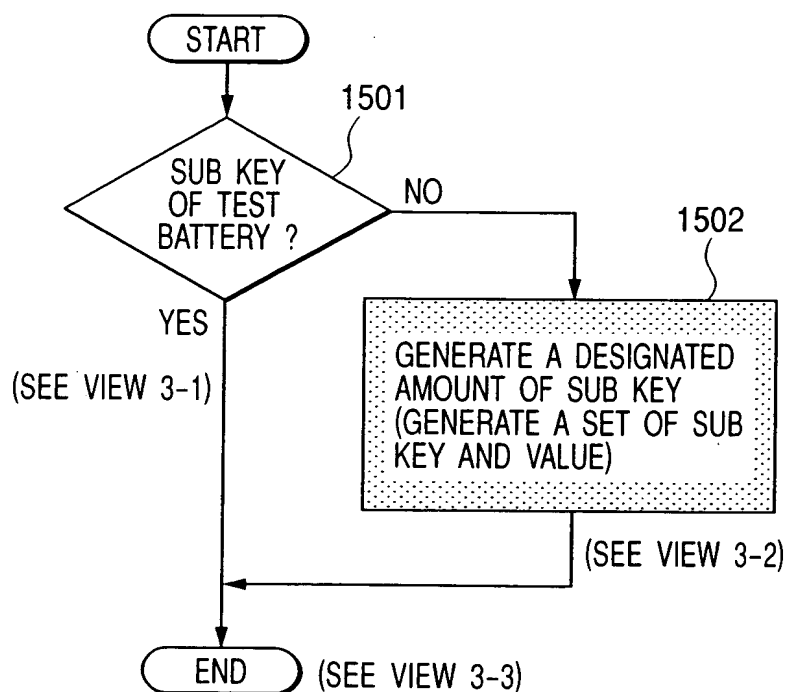


OK

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FIG. 15

IN CASE OF CHARGING TEST BATTERY
(→IN CASE OF ATTACHING TEST BATTERY)



VIEW 3-1
INDICATE A WINDOW
TO EXPLAIN THAT
TEST BATTERY EXISTS

THIS TEST BATTERY IS
ATTACHED IN THIS MACHINE
ADDITIONAL ATTACHMENT
CAN NOT BE ALLOWED

OK

HELP

VIEW 3-2
INDICATE ANIMATION THAT
LINES ON BATTERY ROTATES

TEST BATTERY UNDER
ATTACHED



CANCEL

VIEW 3-3
INDICATE CONDITION TO
COMPLETE ATTACHMENT

TEST BATTERY ATTACHMENT
COMPLETION

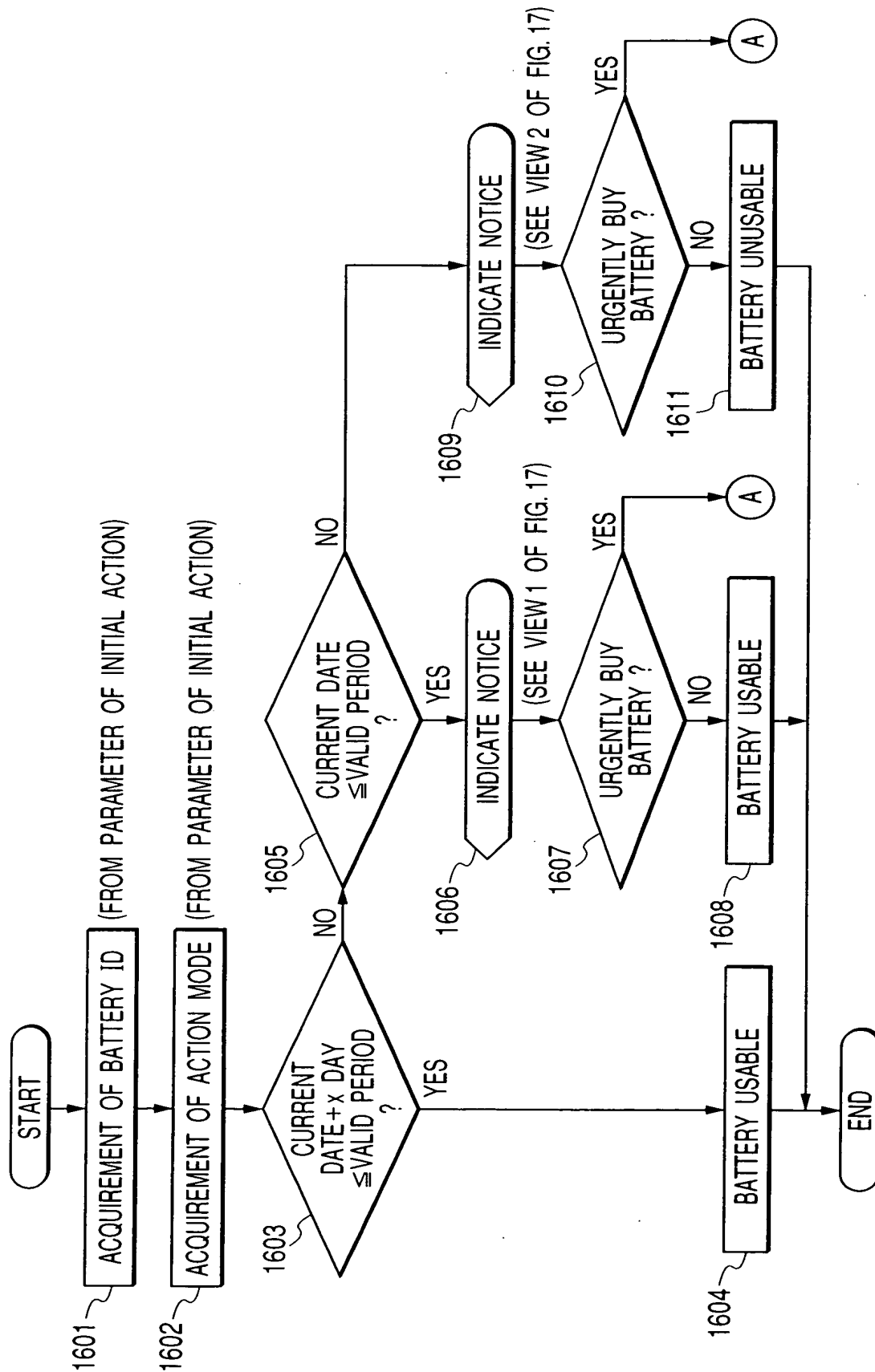


OK

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FIG. 16

ABSOLUTE TERM TYPE



VIEW 1

INDICATE NOTICE MESSAGE FOR
A PERIOD FROM x DAYS BEFORE
THE LAST DAY OF VALID PERIOD
TO THE LAST DAY

**THIS TEST BATTERY CAN NOT BE
ALLOWED TO USE BY **, ***,
BUY BATTERY FROM THE FOLLOWING
SITE IF YOU CONTINUE TO USE.
<http://www.ucharge.com/battery/>**

BUY NOW

BUY LATER

HELP

VIEW 2

INDICATE NOTICE MESSAGE
AFTER VALID PERIOD

**THE PERIOD FOR USE OF THIS TEST
BATTERY IS EXPIRED ON **, **. **.
BUY BATTERY FROM THE FOLLOWING
SITE IF YOU CONTINUE TO USE.
<http://www.ucharge.com/battery/>**

BUY NOW

BUY LATER

HELP

FIG. 18

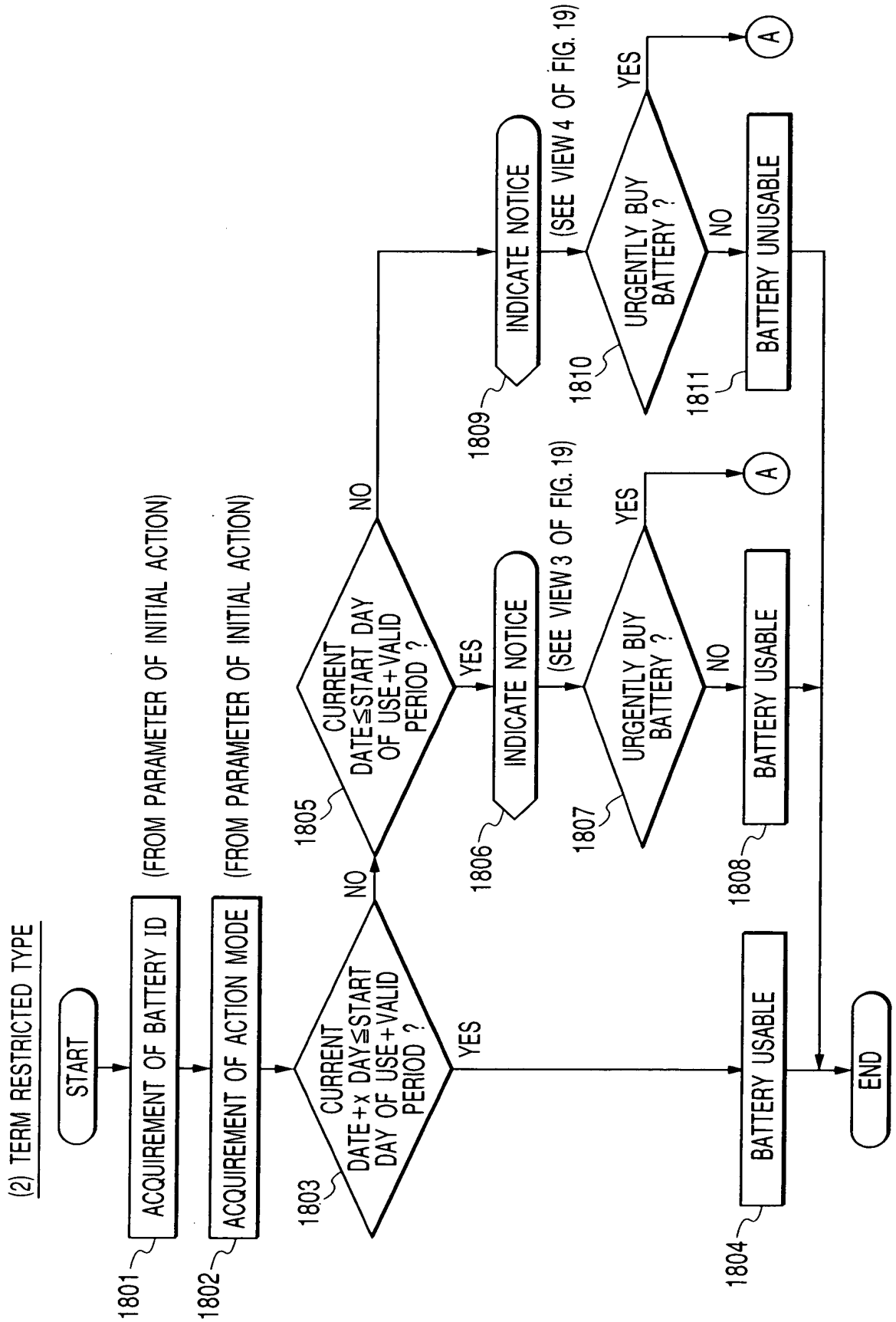


FIG. 19

VIEW 3

INDICATE NOTICE MESSAGE FOR
A PERIOD FROM x DAYS BEFORE
THE LAST DAY OF VALID PERIOD
TO THE LAST DAY

THIS TEST BATTERY CAN NOT BE
ALLOWED TO USE BY **, **. *
BUY BATTERY FROM THE FOLLOWING
SITE IF YOU CONTINUE TO USE.
<http://www.ucharge.com/battery/>

BUY NOW

BUY LATER

HELP

VIEW 4

INDICATE NOTICE MESSAGE
AFTER VALID PERIOD

THE PERIOD FOR USE OF THIS TEST
BATTERY IS EXPIRED ON **, **. *
BUY BATTERY FROM THE FOLLOWING
SITE IF YOU CONTINUE TO USE.
<http://www.ucharge.com/battery/>

BUY NOW

BUY LATER

HELP

FIG. 20

NO USE PERIOD TRIGGER TYPE : JUDGED BY THE LATEST DATE AND NO USE PERIOD

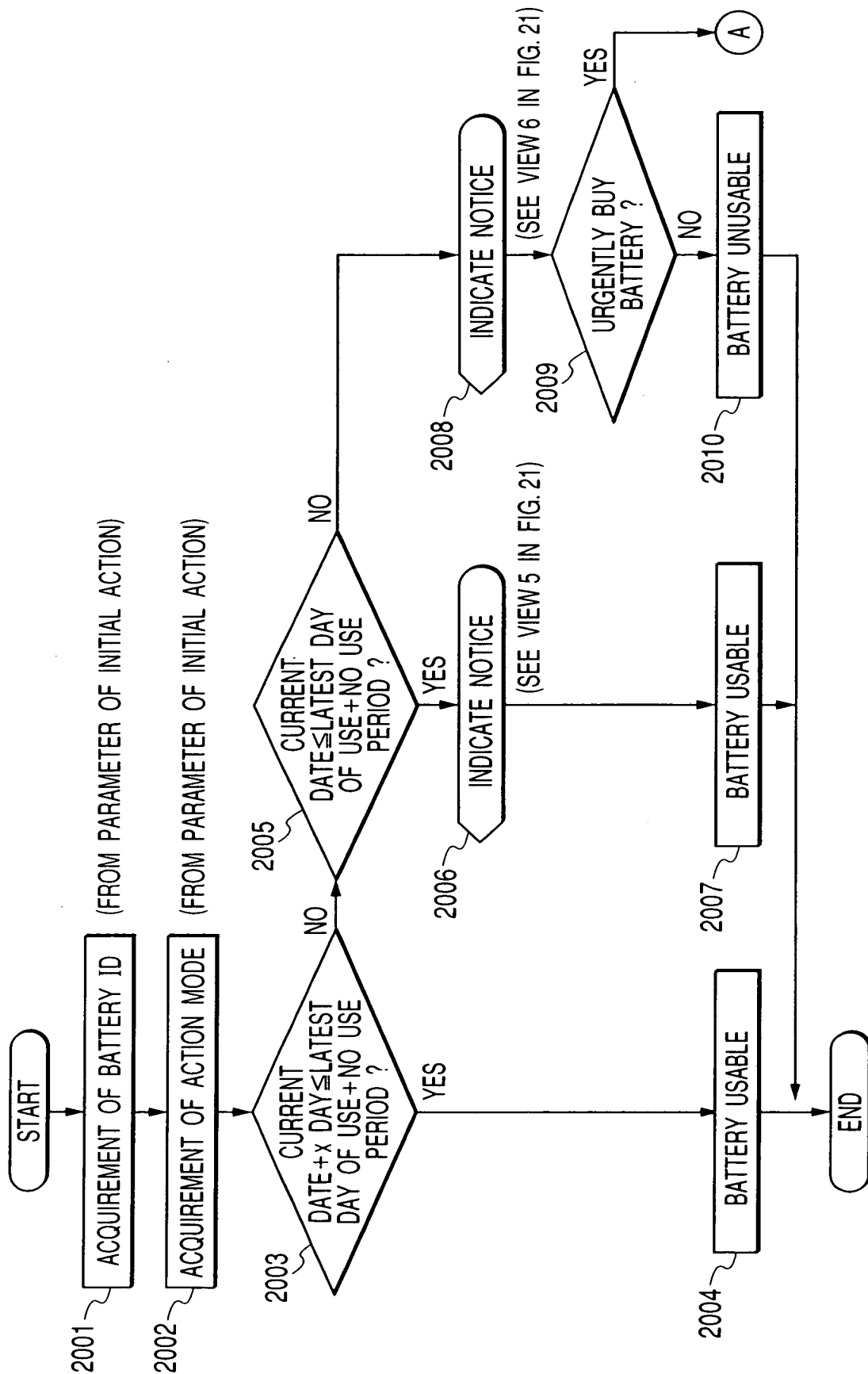


FIG. 21

VIEW 5

INDICATE NOTICE MESSAGE FOR
A PERIOD FROM x DAYS BEFORE
THE LAST DAY OF VALID PERIOD
TO THE LAST DAY

THIS TEST BATTERY HAS NOT BEEN
USED FOR THE LAST * * MONTHS.
THIS BATTERY WILL BE INVALID IF
IT WILL NOT BE USED FOR
ANOTHER * * DAYS.

CLOSE

HELP

VIEW 6

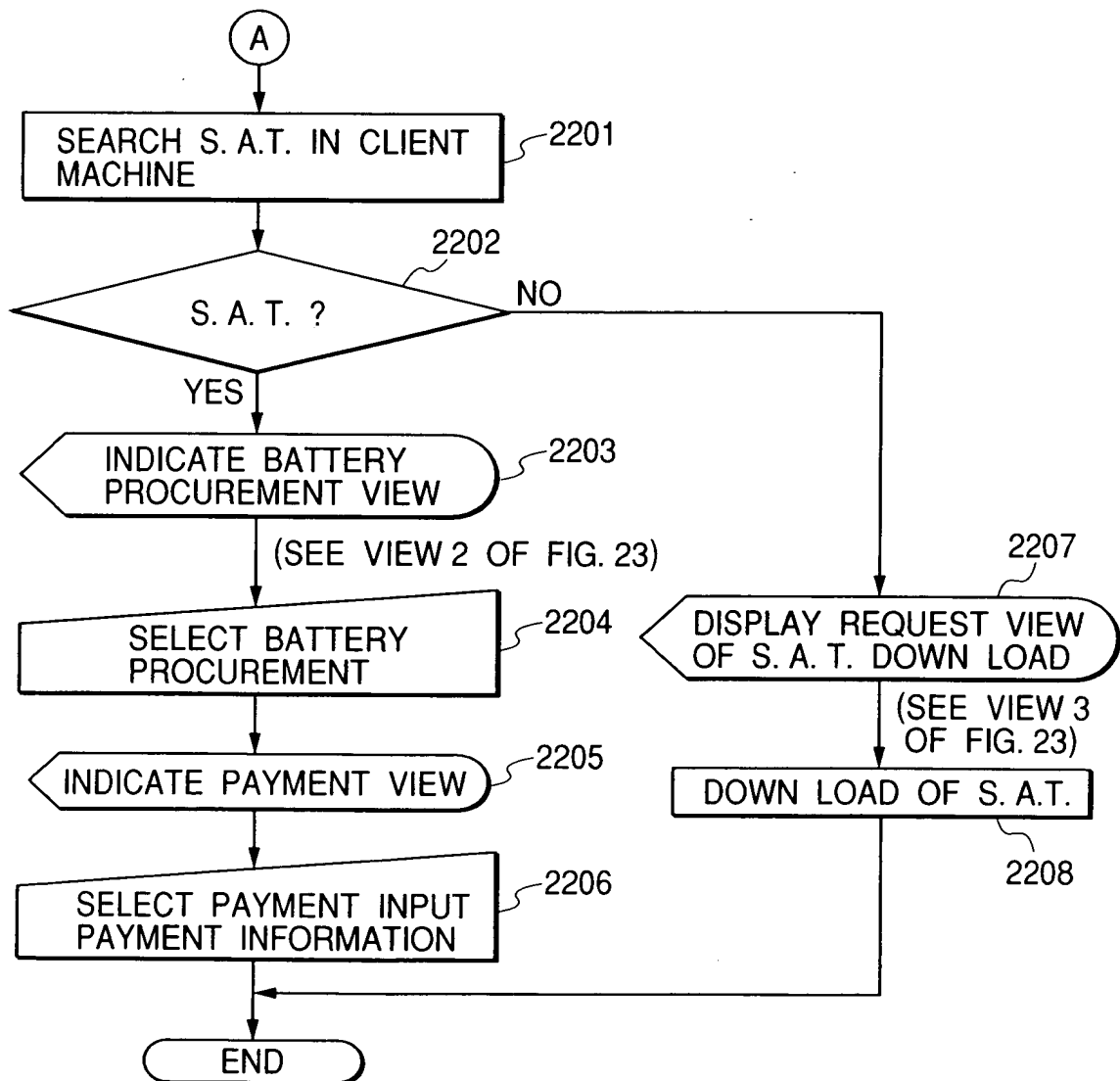
INDICATE NOTICE MESSAGE AFTER
NOT USED PERIOD

THIS TEST BATTERY IS INVALID
BECAUSE IT HAS NOT BEEN USED
FOR THE LAST * * MONTHS.
BUY BATTERY FROM THE FOLLOWING
SITE IF YOU CONTINUE TO USE.
<http://www.ucharge.com/battery/>

BUY NOW

BUY LATER

HELP


*FIG. 22*JOB FLOW

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FIG. 23

VIEW 1

VIEW TO NOTIFY THAT
REMAINING AMOUNT OF
BATTERY IS 0

	BATTERY DOWN
<input checked="" type="checkbox"/>	BUY NOW
<input type="checkbox"/>	BUY LATER
<input type="button" value="OK"/> <input type="button" value="HELP"/>	

VIEW 2

S.A.T. VIEW

<p>ABCD TRADE</p> <p>BATTERY SALES SITE</p> <table border="1"> <tr><td>BUY</td></tr> <tr><td>CONNECT</td></tr> <tr><td>HALT</td></tr> <tr><td>SET</td></tr> <tr><td>HELP</td></tr> <tr><td>END</td></tr> </table>	BUY	CONNECT	HALT	SET	HELP	END	<table border="1"> <tr> <td colspan="2">DISPLAY AREA OF NOTIFICATION FROM SITE</td> </tr> <tr> <td colspan="2">BATTERY LIST DISPLAY AREA</td> </tr> <tr> <td><input type="checkbox"/> AAA NORMAL</td> <td>¥2,800</td> </tr> <tr> <td><input type="checkbox"/> AAA UNRESTRICTED</td> <td>¥9,800</td> </tr> <tr> <td><input type="checkbox"/> BBB NORMAL</td> <td>¥980</td> </tr> <tr> <td><input type="checkbox"/> BBB UNRESTRICTED</td> <td>¥4,980</td> </tr> <tr> <td><input type="checkbox"/> CCC NORMAL</td> <td>¥3,000</td> </tr> <tr> <td><input type="checkbox"/> CCC UNRESTRICTED</td> <td>¥15,000</td> </tr> </table>	DISPLAY AREA OF NOTIFICATION FROM SITE		BATTERY LIST DISPLAY AREA		<input type="checkbox"/> AAA NORMAL	¥2,800	<input type="checkbox"/> AAA UNRESTRICTED	¥9,800	<input type="checkbox"/> BBB NORMAL	¥980	<input type="checkbox"/> BBB UNRESTRICTED	¥4,980	<input type="checkbox"/> CCC NORMAL	¥3,000	<input type="checkbox"/> CCC UNRESTRICTED	¥15,000
BUY																							
CONNECT																							
HALT																							
SET																							
HELP																							
END																							
DISPLAY AREA OF NOTIFICATION FROM SITE																							
BATTERY LIST DISPLAY AREA																							
<input type="checkbox"/> AAA NORMAL	¥2,800																						
<input type="checkbox"/> AAA UNRESTRICTED	¥9,800																						
<input type="checkbox"/> BBB NORMAL	¥980																						
<input type="checkbox"/> BBB UNRESTRICTED	¥4,980																						
<input type="checkbox"/> CCC NORMAL	¥3,000																						
<input type="checkbox"/> CCC UNRESTRICTED	¥15,000																						
<p>THE CONTENTS OF THE PRODUCT IS IN :</p> <p>http://www.abcde.co.jp/product/</p>	<p>INQUIRY IS TO:</p> <p>info@abcde.co.jp</p>																						

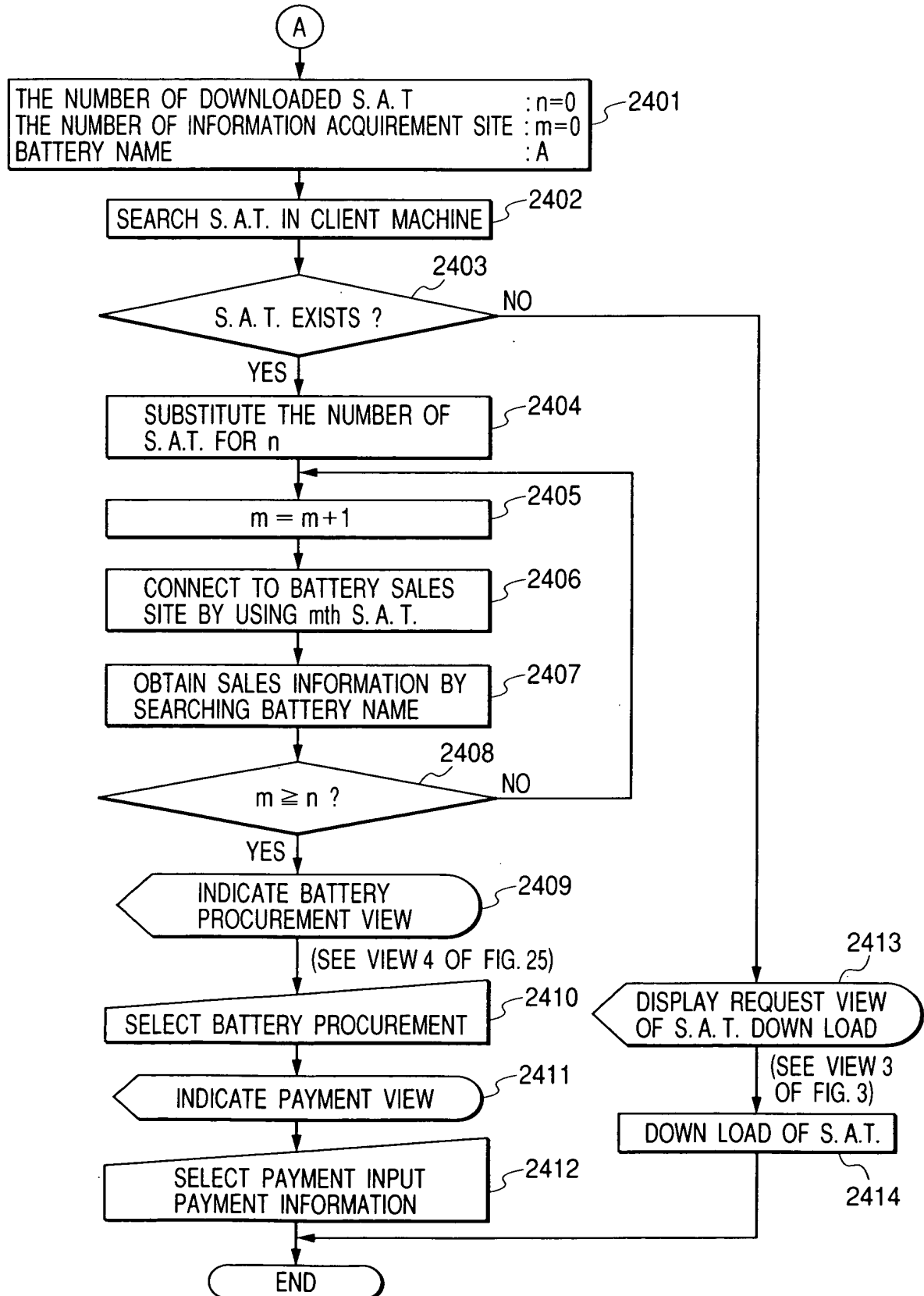
VIEW 3

REQUEST VIEW OF S.A.T. DOWN LOAD

<p>DOWN LOAD S.A.T. FOR ABCDEFG FROM THE FOLLOWING SITE</p> <p>http://www.ucharge.com/sat/</p> <p> <input type="button" value="CANCEL"/> <input type="button" value="HELP"/> </p>

JOB FLOW

FIG. 24



UI (USER INTERFACE)
VIEW 4

BATTERY PROCUREMENT VIEW
LIST UP BATTERY INFORMATION
FOR PROCUREMENT SEARCHED
IN ALL S.A.T. IN CLIENT MACHINE

BATTERY NAME : ABCDEFG

SALES SITE	TYPE	PRICE
YYY	NORMAL	¥5,000
PPP	NORMAL	¥4,800
PPP	UNRESTRICTED	¥9,800

FIG. 25

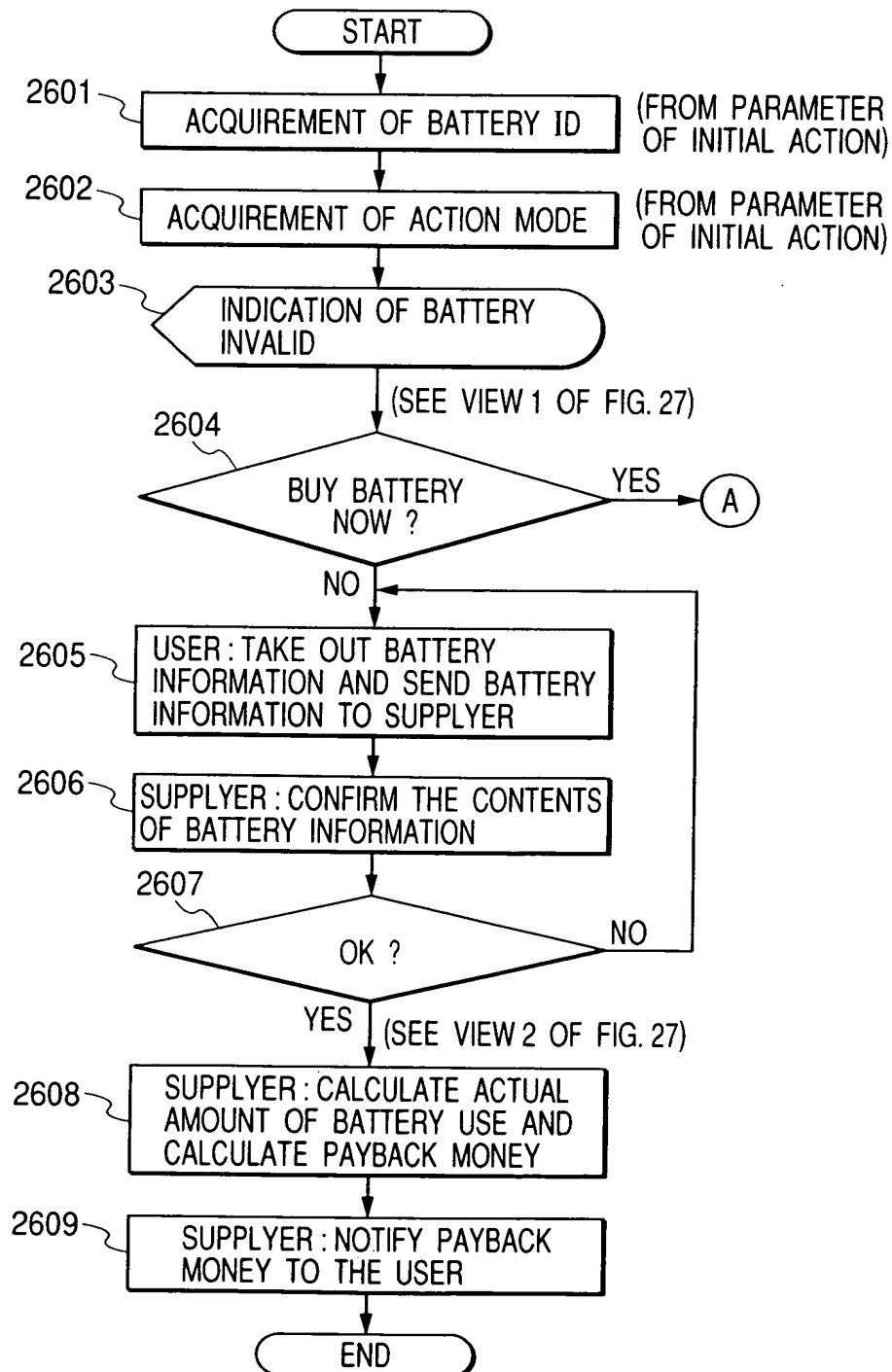
VIEW 3
REQUEST VIEW OF S.A.T. DOWN LOAD

DOWNLOAD S.A.T. FOR ABCDEFG
FROM THE FOLLOWING SITE

<http://www.ucharge.com/sat/>

FIG. 26

(1) PREPAID TYPE



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FIG. 27

DISPLAY NOTIFICATION MESSAGE TO
SUPPLYE'S MACHINE IN CASE THAT
CONTENTS HAS ABNORMAL BY
CONFIRMING OF BATTERY INFORMATION.
DISPLAY ERROR CODE BY CLICKING "DETAIL"

DISPLAY A MESSAGE TO NOTIFY THAT NORMAL BATTERY IS INVALID

HELP

DETAIL

FIG. 28

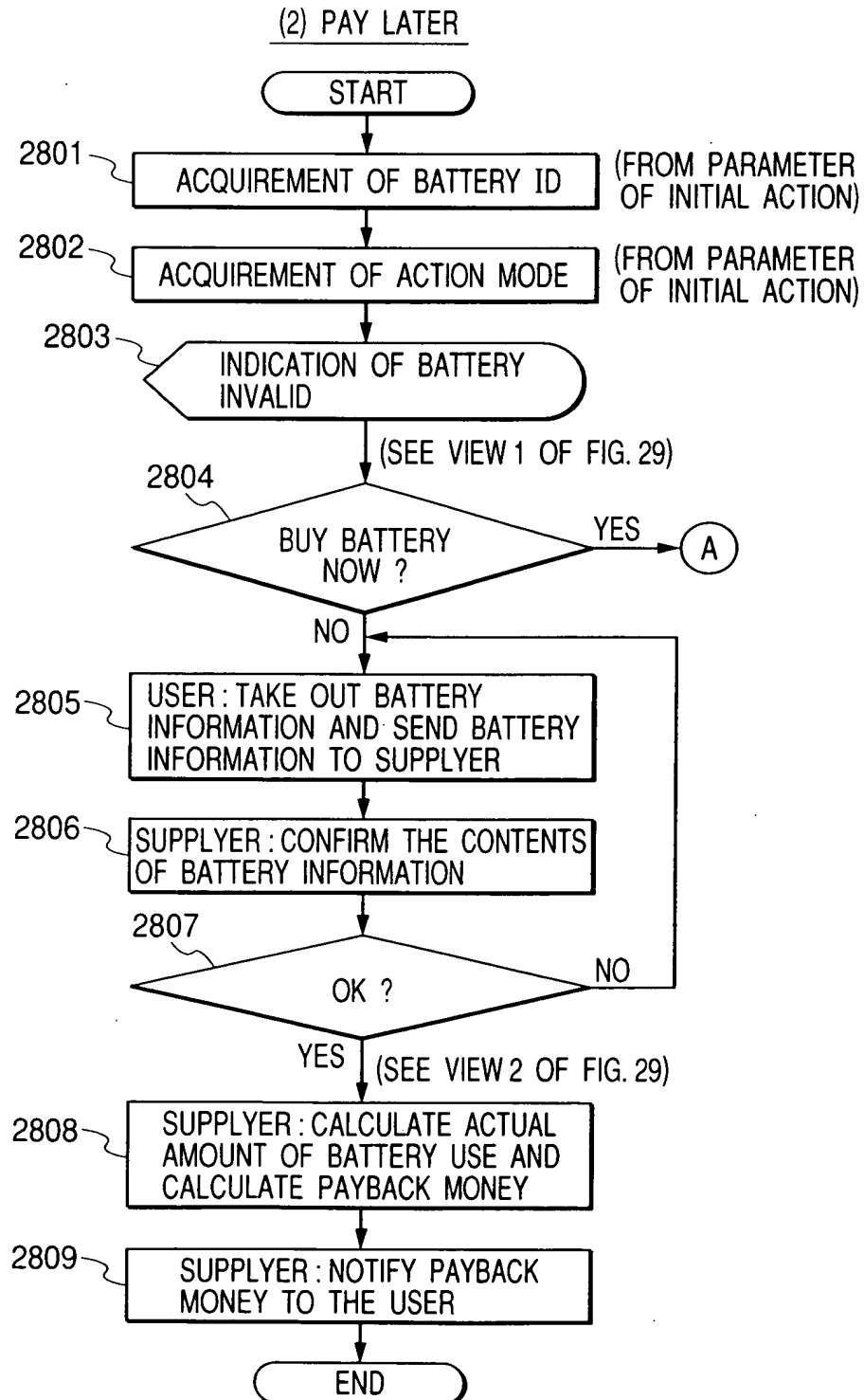


FIG. 29

VIEW 2

DISPLAY NOTIFICATION MESSAGE TO
SUPPLYE'S MACHINE IN CASE THAT
CONTENTS HAS ABNORMAL BY
CONFIRMING OF BATTERY INFORMATION.
DISPLAY ERROR CODE BY CLICKING "DETAIL"

VIEW 1

DISPLAY A MESSAGE TO NOTIFY
THAT NORMAL BATTERY IS INVALID

NORMAL BATTERY OF THIS
SOFTWARE IS INVALID ON **, ***,
BUY BATTERY IF YOU CONTINUE TO
USE.

BUY NOW

BUY LATER

HELP

DATA CAN NOT BE READ IN FROM
THIS BATTERY INFORMATION.
REOBTAIN BATTERY INFORMATION
FROM A USER.

CLOSE

DETAIL

FIG. 30

GENERATE BATTERY FLOPPYDISK AT CONVENIENCE STORE

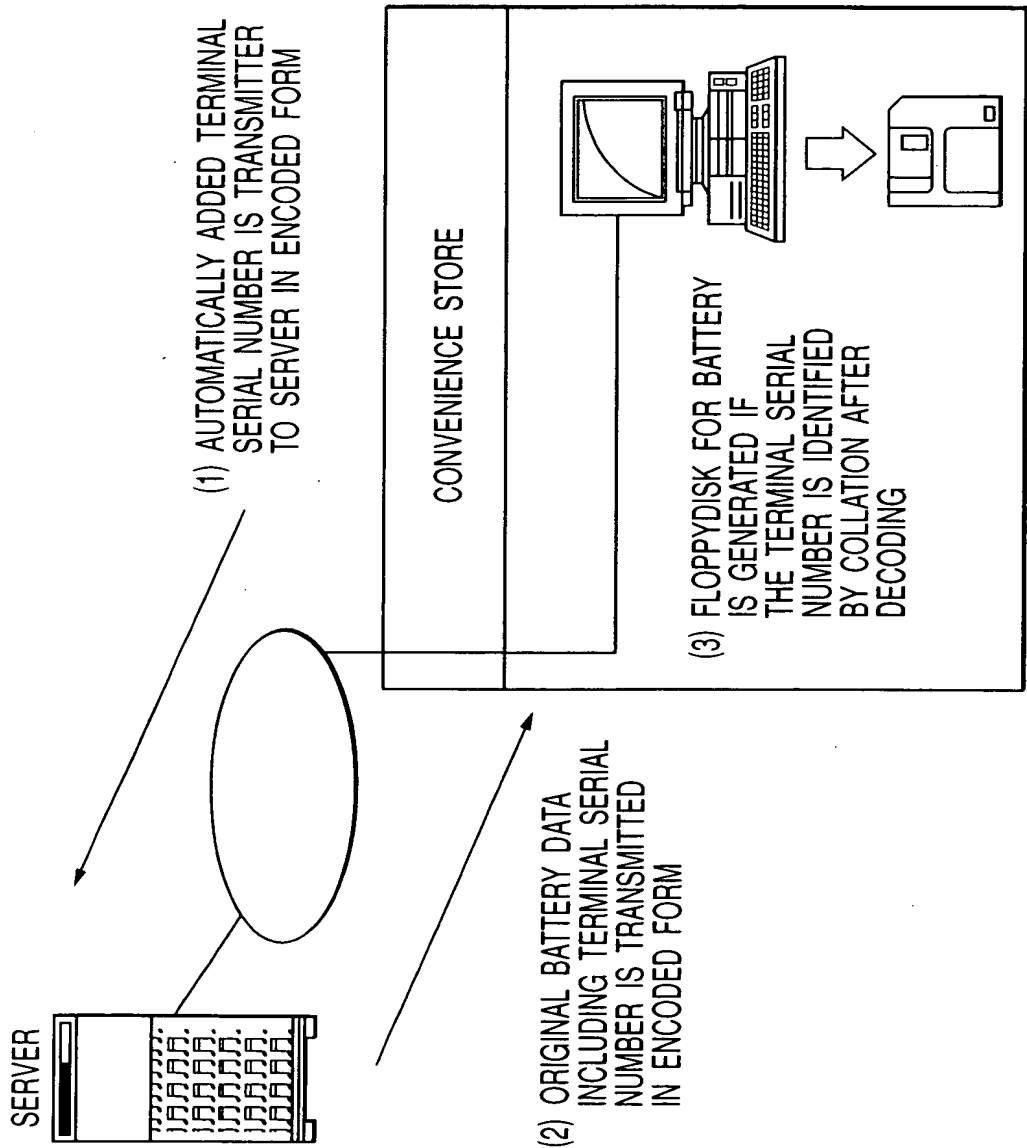


FIG. 31

INITIAL DATA TRANSMITTED FROM TERMINAL TO SERVER

APPLICATION TYPE CODE	CATEGORY FOR PAYMENT	NAME	(CREDIT CARD NO.)	(VALID PERIOD)
--------------------------	-------------------------	------	-------------------	-------------------

APPLICATION TYPE CODE	CATEGORY FOR PAYMENT	(BLANK)	(PREPAID CARD NO.)	(BLANK)
--------------------------	-------------------------	---------	--------------------	---------

APPLICATION TYPE CODE	SERIAL NO. FOR TRIAL USE	CATEGORY FOR PAYMENT	NAME	(CREDIT CARD NO.)	(VALID PERIOD)
--------------------------	-----------------------------	-------------------------	------	-------------------	-------------------

TERMINAL SERIAL NO. TABLE

TERMINAL SERIAL NO.	MAC ADDRESS OF LAN ADAPTER (OR TERMINAL IP ADDRESS)
---------------------	--

ORIGINAL BATTERY DATA (ENCODED)

TERMINAL SERIAL NO.	APPLICATION TYPE CODE	KEY CODE
---------------------	--------------------------	----------

ORIGINAL BATTERY DATA (ENCODED)

APPLICATION TYPE CODE	KEY CODE
--------------------------	----------

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FIG. 32

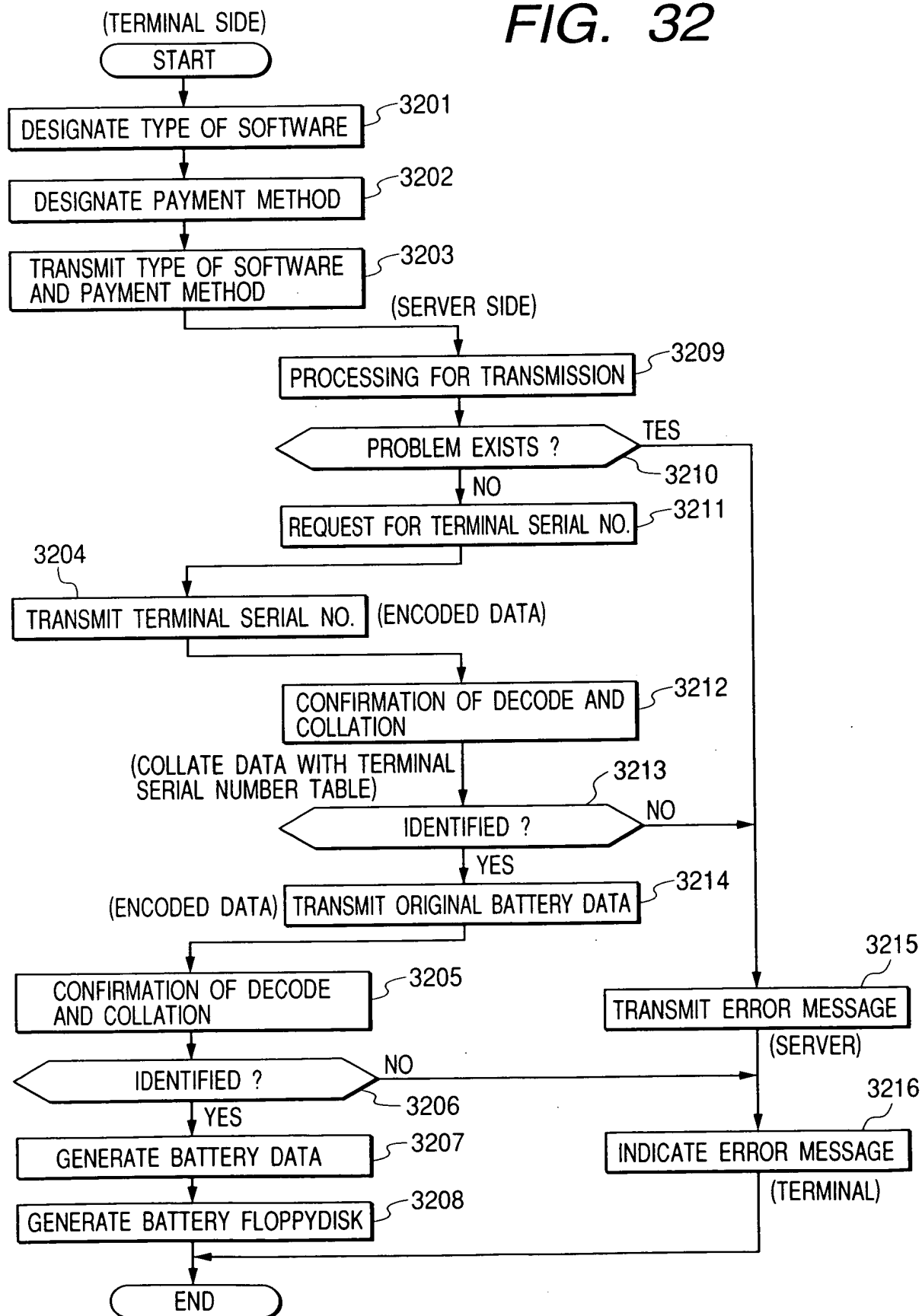
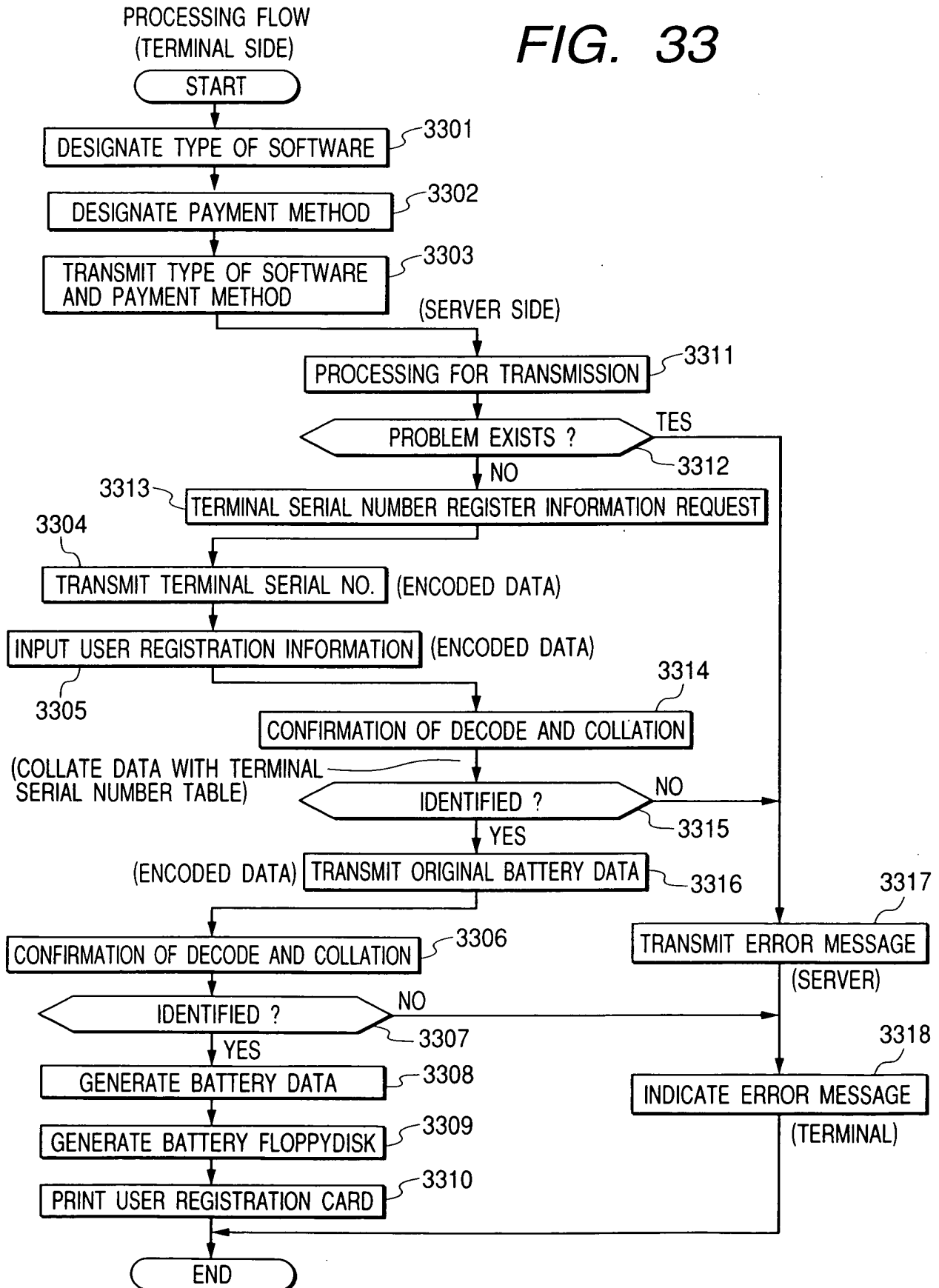


FIG. 33



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FIG. 34

COMMON BATTERY FOR PRIVATE USE (PREPAID)

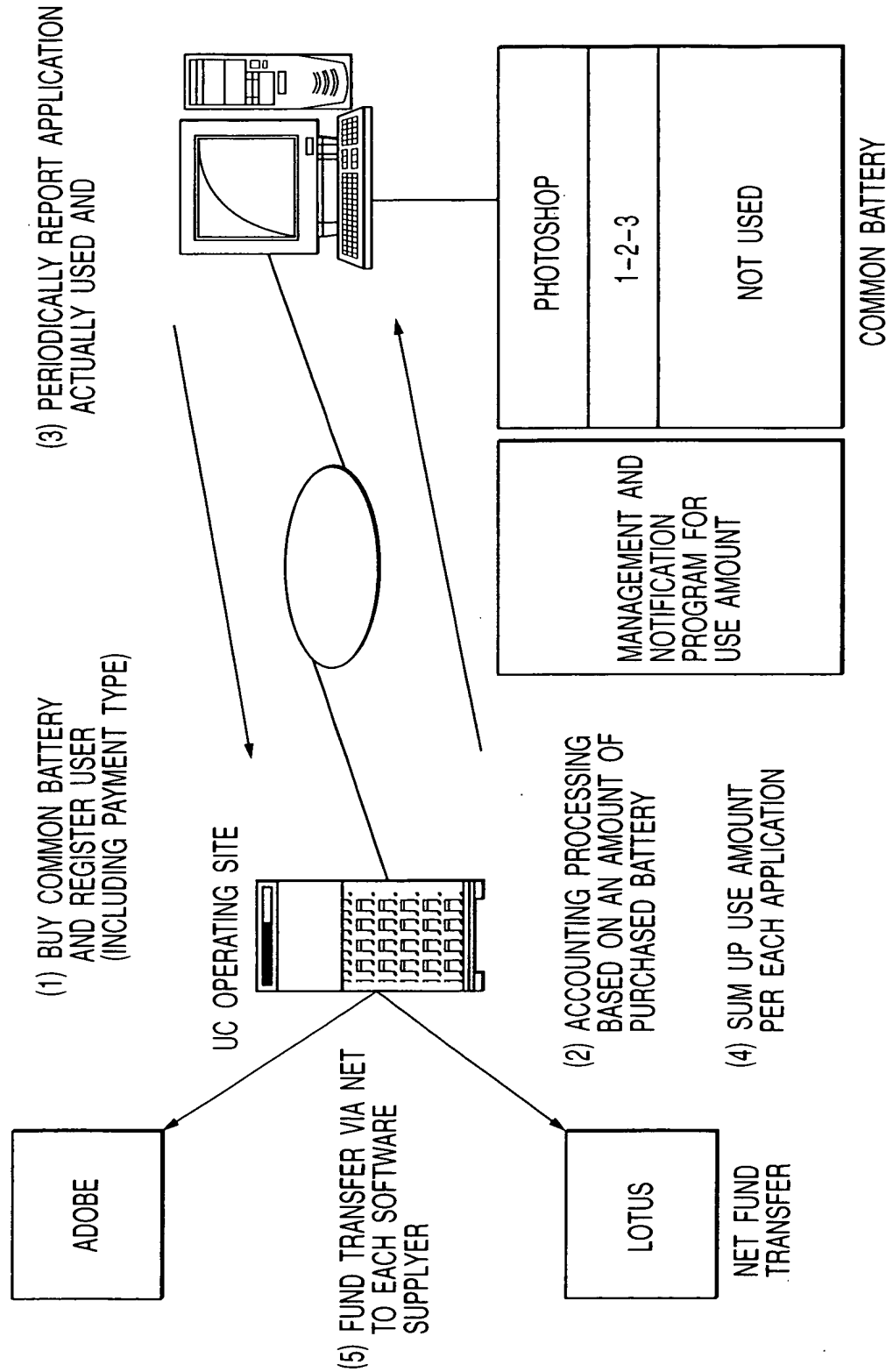


FIG. 35

PROCESSING FLOW (PREPAID)

1. INITIAL PROCESSING

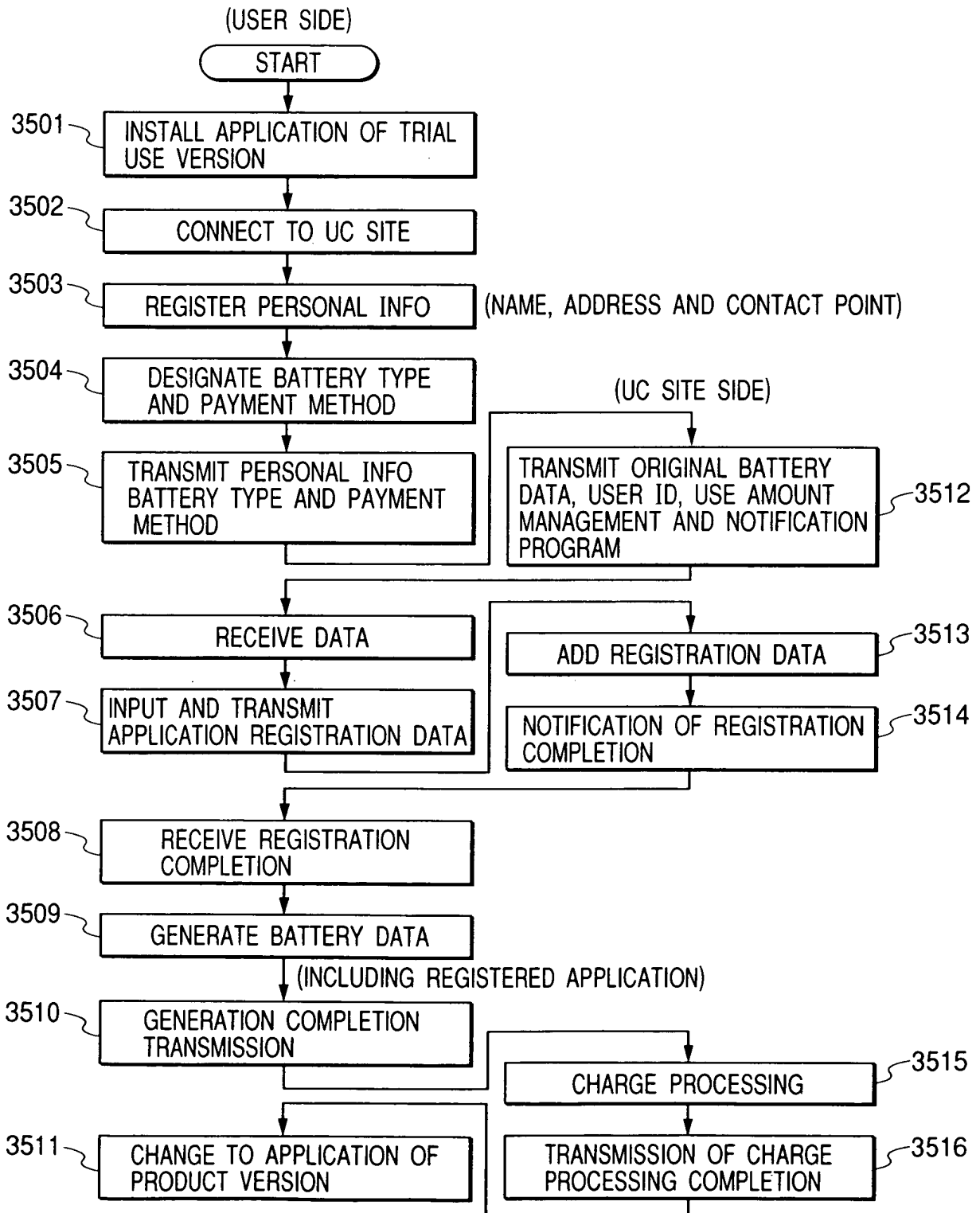
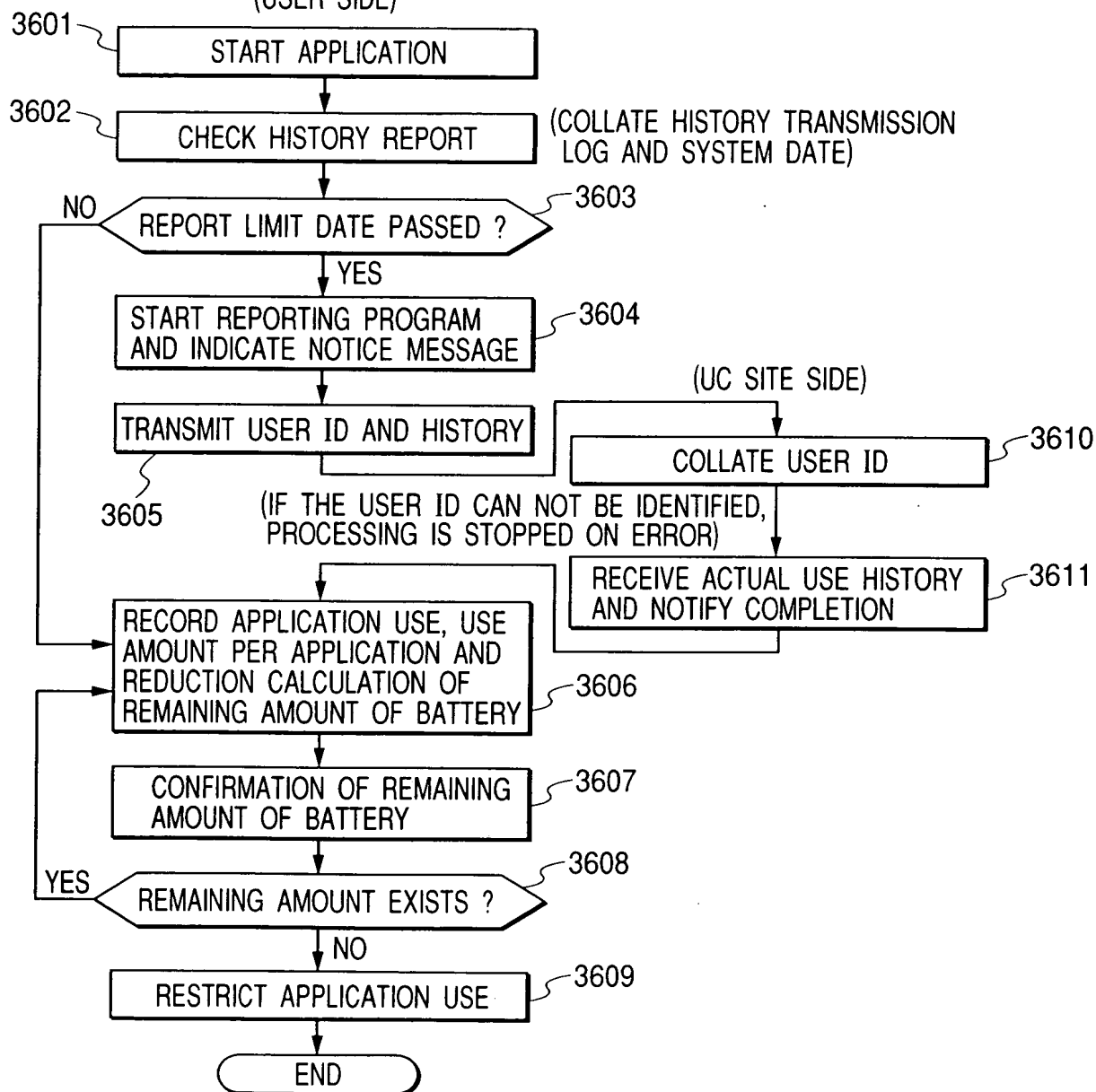


FIG. 36

2. PROCESSING UNDER USE OF APPLICATION

(USER SIDE)



3. SUM-UP AND FUND TRANSFER PROCESSING OF UC SITE SIDE

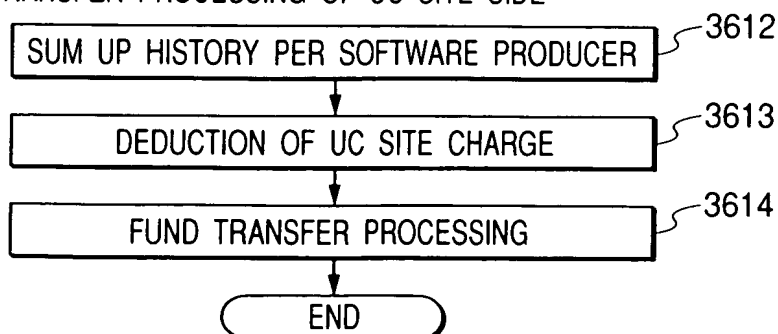


FIG. 37

HISTORY TRANSMISSION LOG

TRANSMISSION DATE AND TIME (YEAR, MONTH, DATE, HOUR AND MINUTES)	TRANSMISSION RECORD NUMBER	PROCESSING STATUS
---	-------------------------------	-------------------

APPLICATION USE HISTORY

USER ID	APPLICATION TYPE CODE	USE AMOUNT	YEAR, MONTHS, DATE, TIME, MINUTES AND SECOND OF STARTING OF SUM-UP	YEAR, MONTHS, DATE, TIME, MINUTES AND SECOND OF FINISHING OF SUM-UP
---------	--------------------------	------------	---	--

FIG. 38

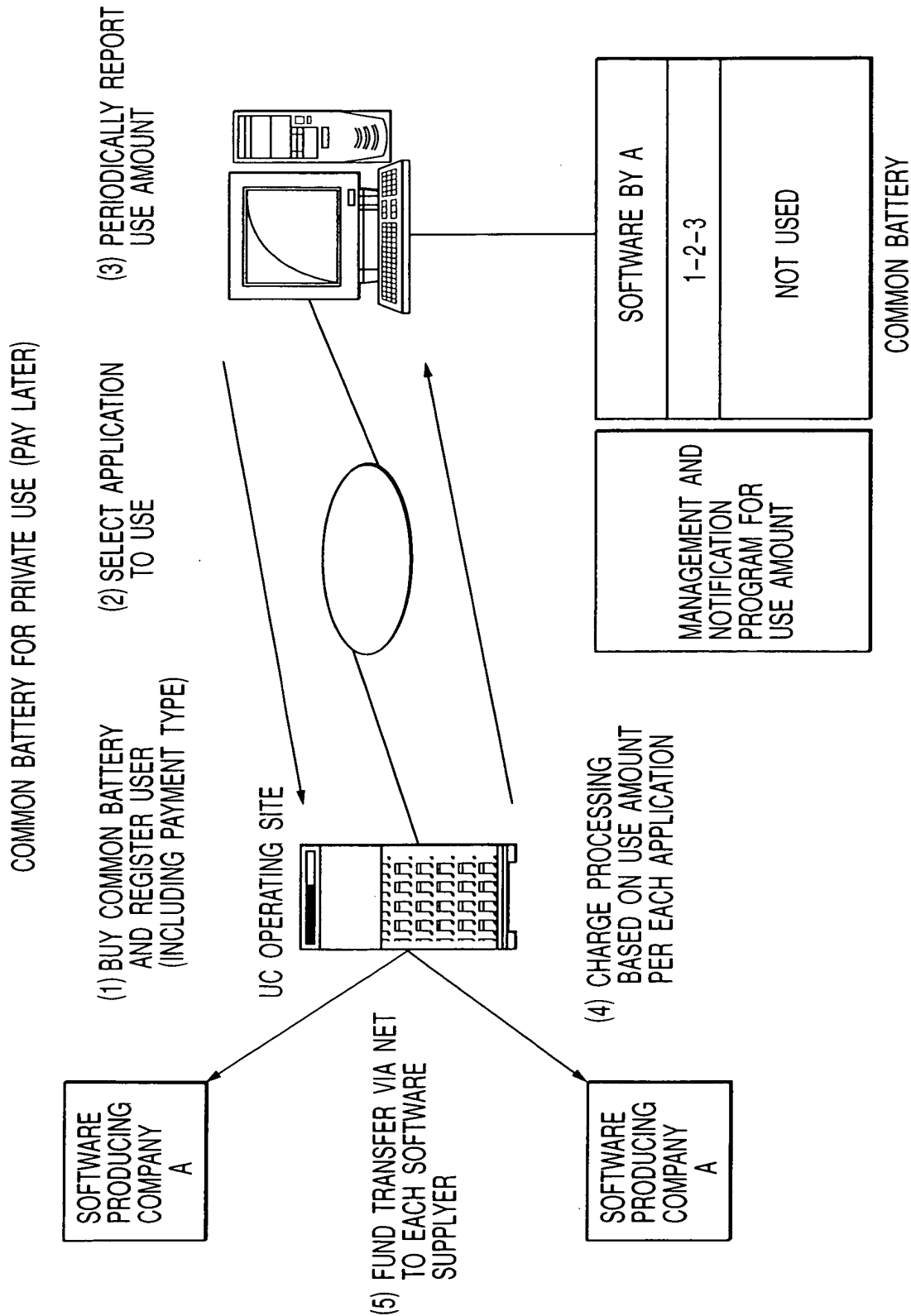
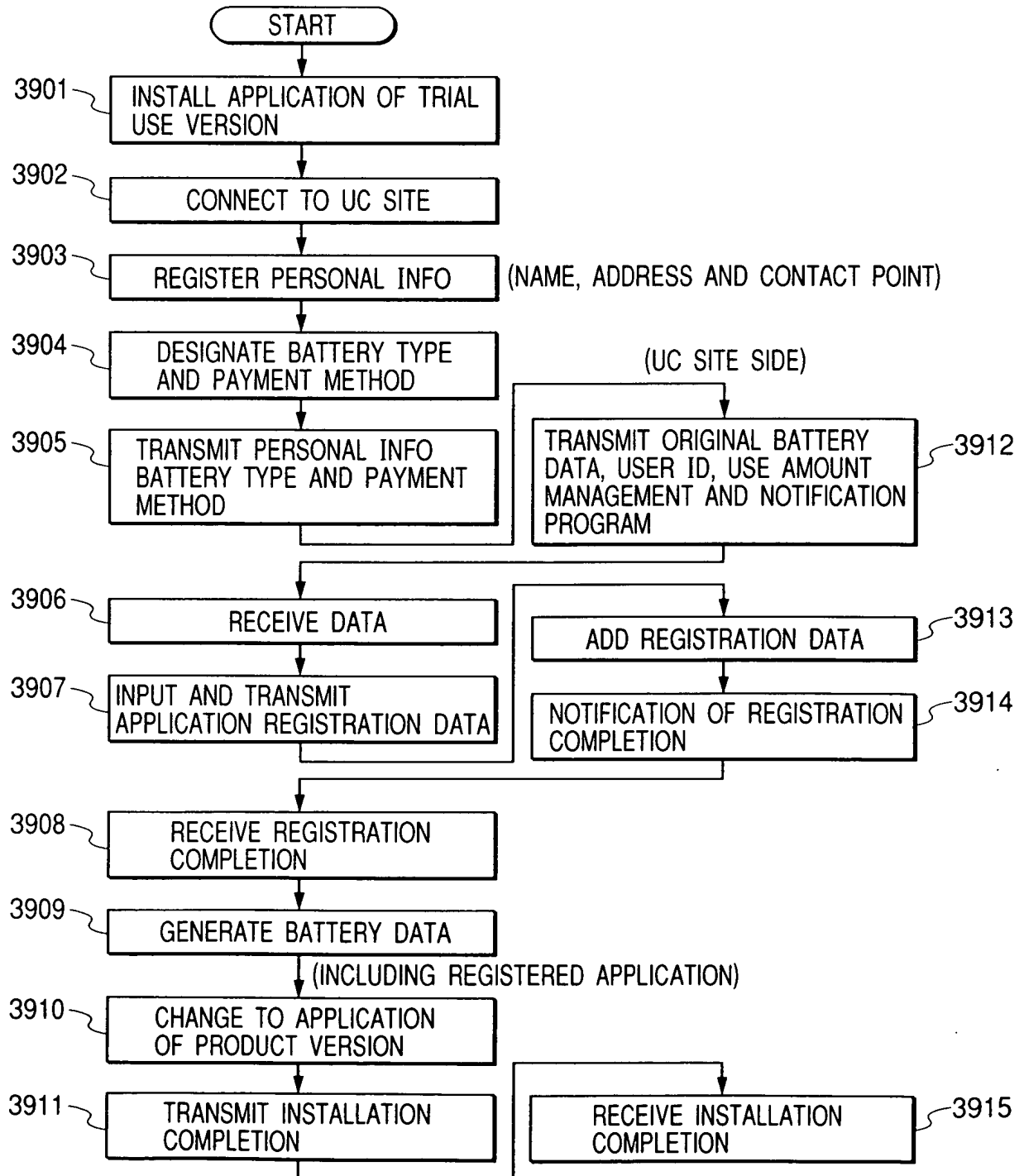


FIG. 39

PROCESSING FLOW (PAY LATER)

1. INITIAL PROCESSING

(USER SIDE)



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FIG. 40

2. PROCESSING UNDER USE OF APPLICATION

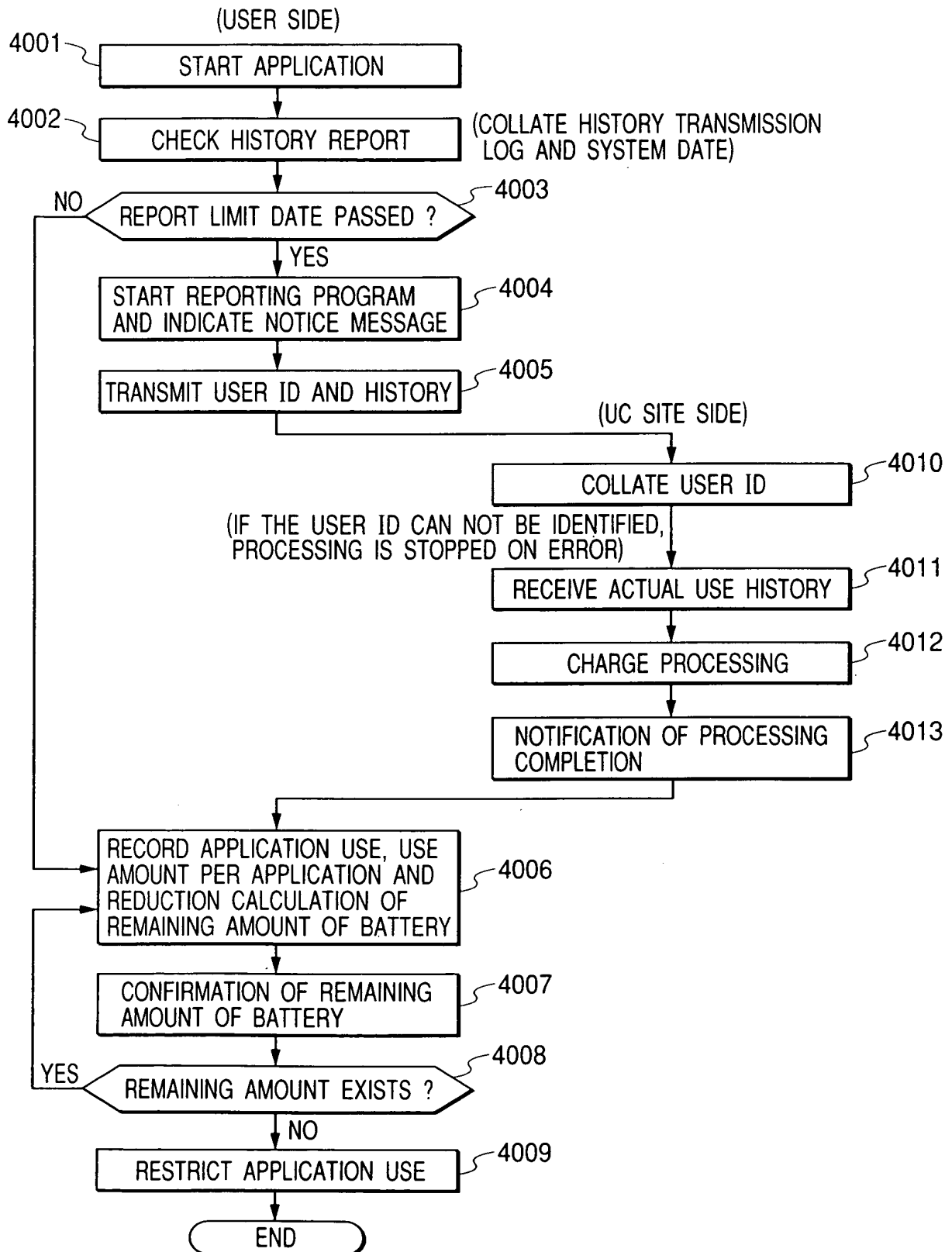
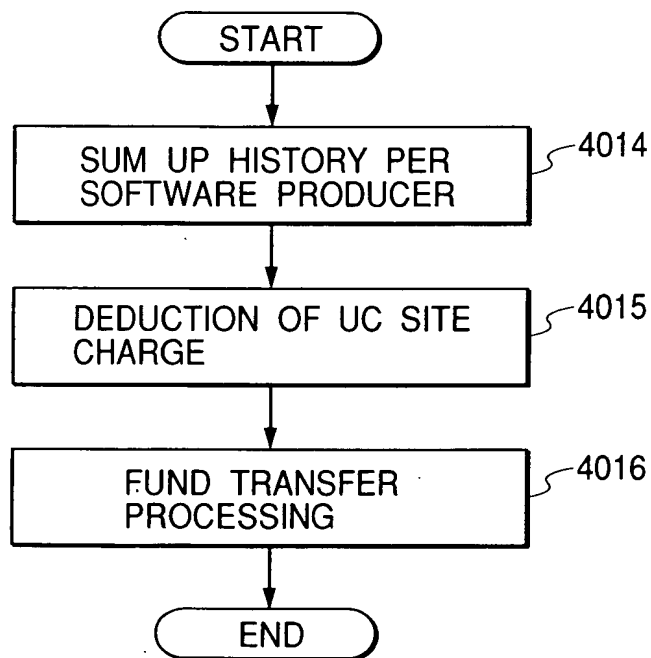


FIG. 41



09552615 051101 101150 51925360

FIG. 42

ASP SERVER FOR UC (PAY LATER)

- (1) BUY BATTERY FOR SPECIAL USE AND REGISTER USER (INCLUDING PAYMENT TYPE)
- (2) APPLICATION IS USED VIA INTERNET

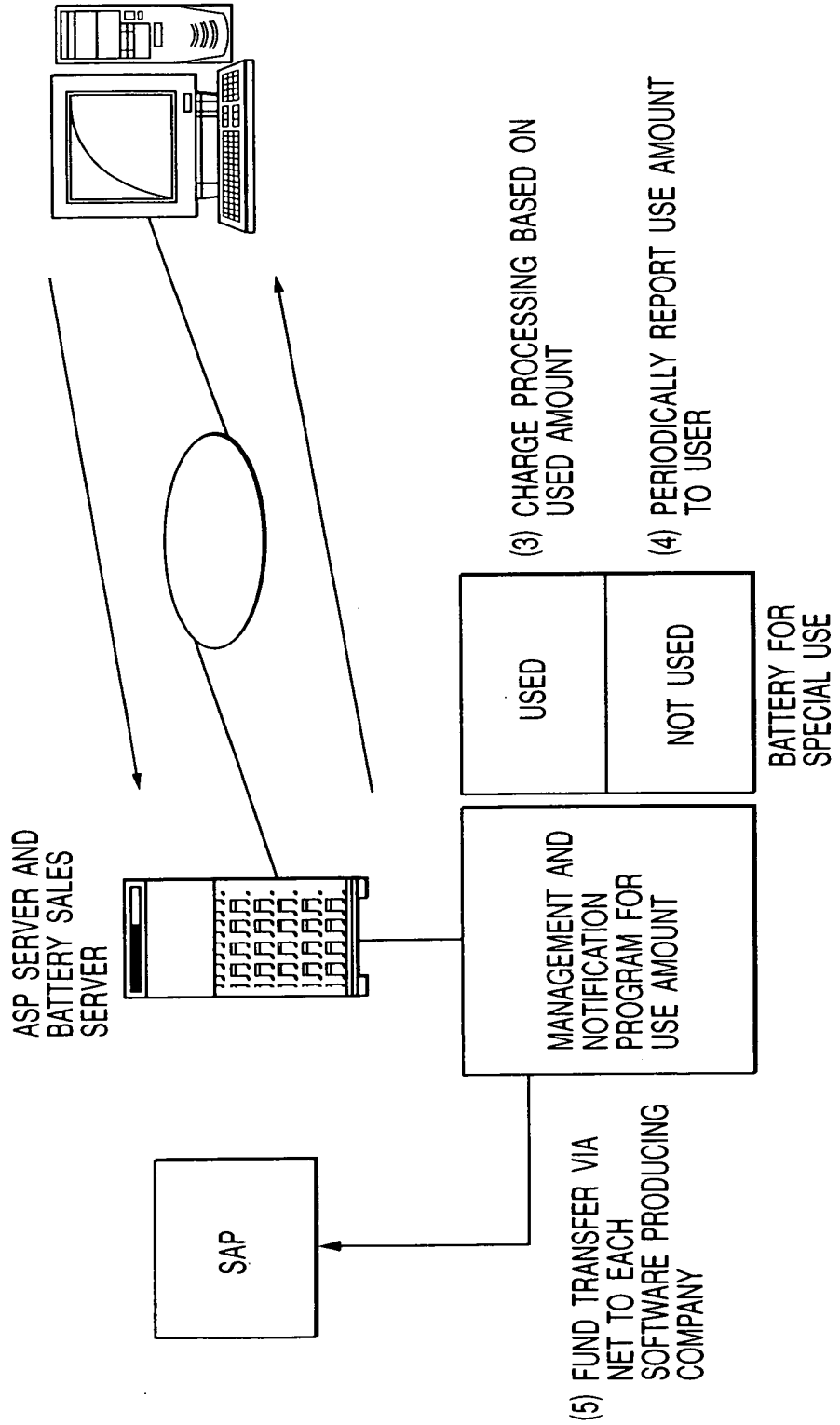


FIG. 43

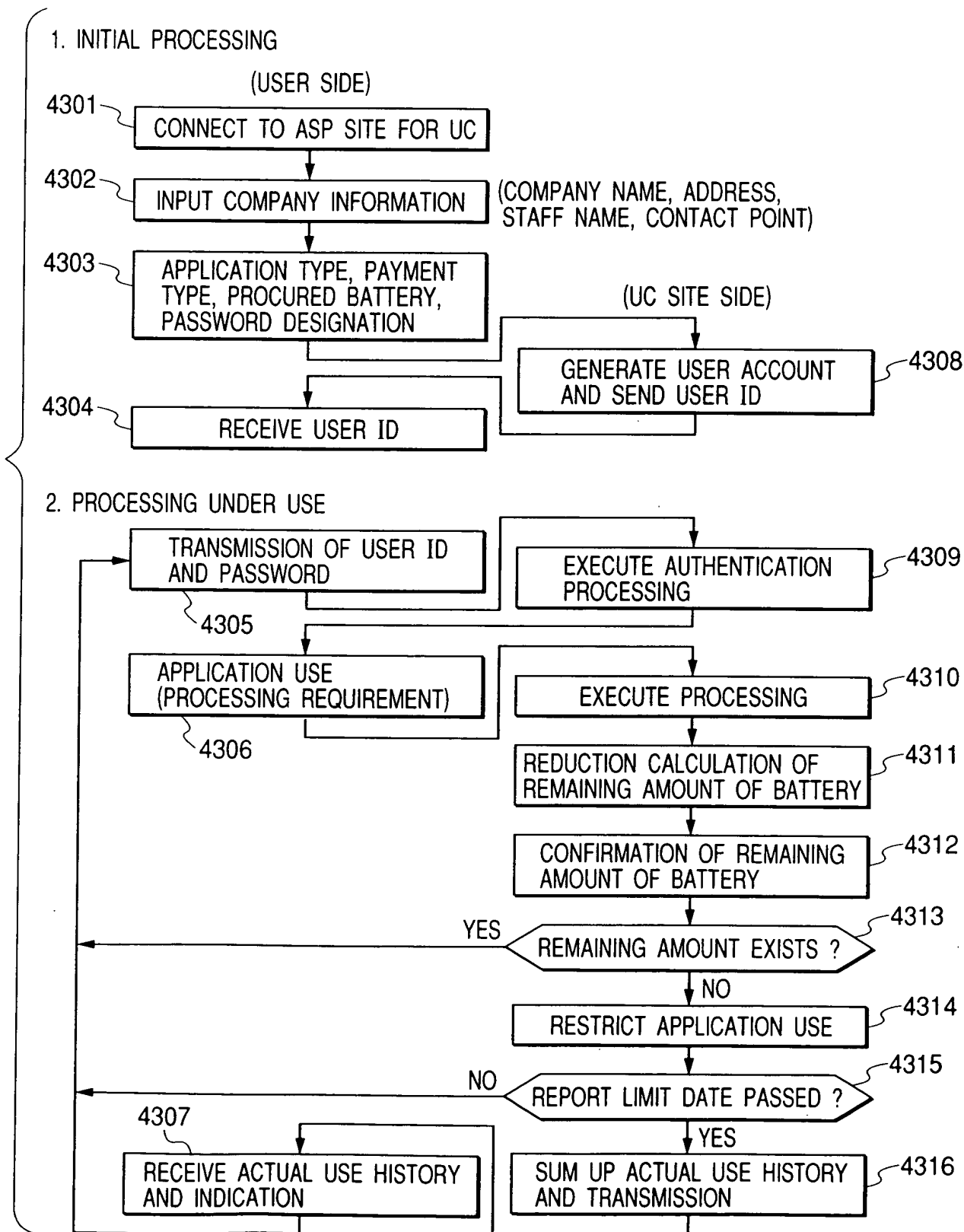


FIG. 44

APPLICATION USE HISTORY

USER ID		APPLICATION TYPE CODE	USE AMOUNT	YEAR, MONTHS, DATE, TIME, MINUTES AND SECOND OF STARTING OF SUM-UP	YEAR, MONTHS, DATE, TIME, MINUTES AND SECOND OF FINISHING OF SUM-UP
COMPANY CODE	PERSONAL ID				

FIG. 45

INITIAL DATA TRANSMITTED FROM USER SIDE TO SAT SERVER

APPLICATION TYPE CODE	CATEGORY FOR PAYMENT	NAME	(CREDIT CARD NO.)	(VALID PERIOD)
--------------------------	-------------------------	------	-------------------	----------------

FIG. 46

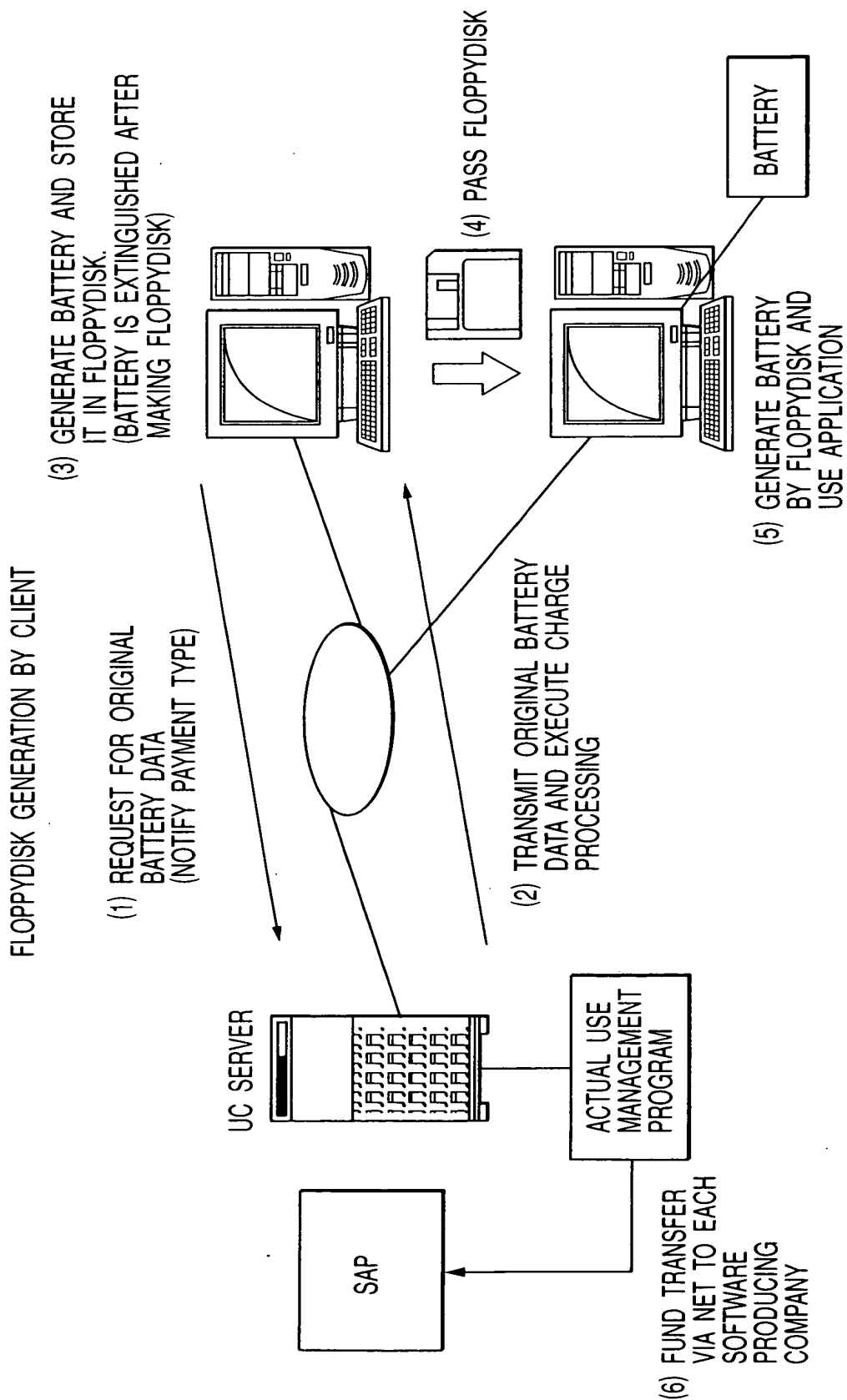


FIG. 47

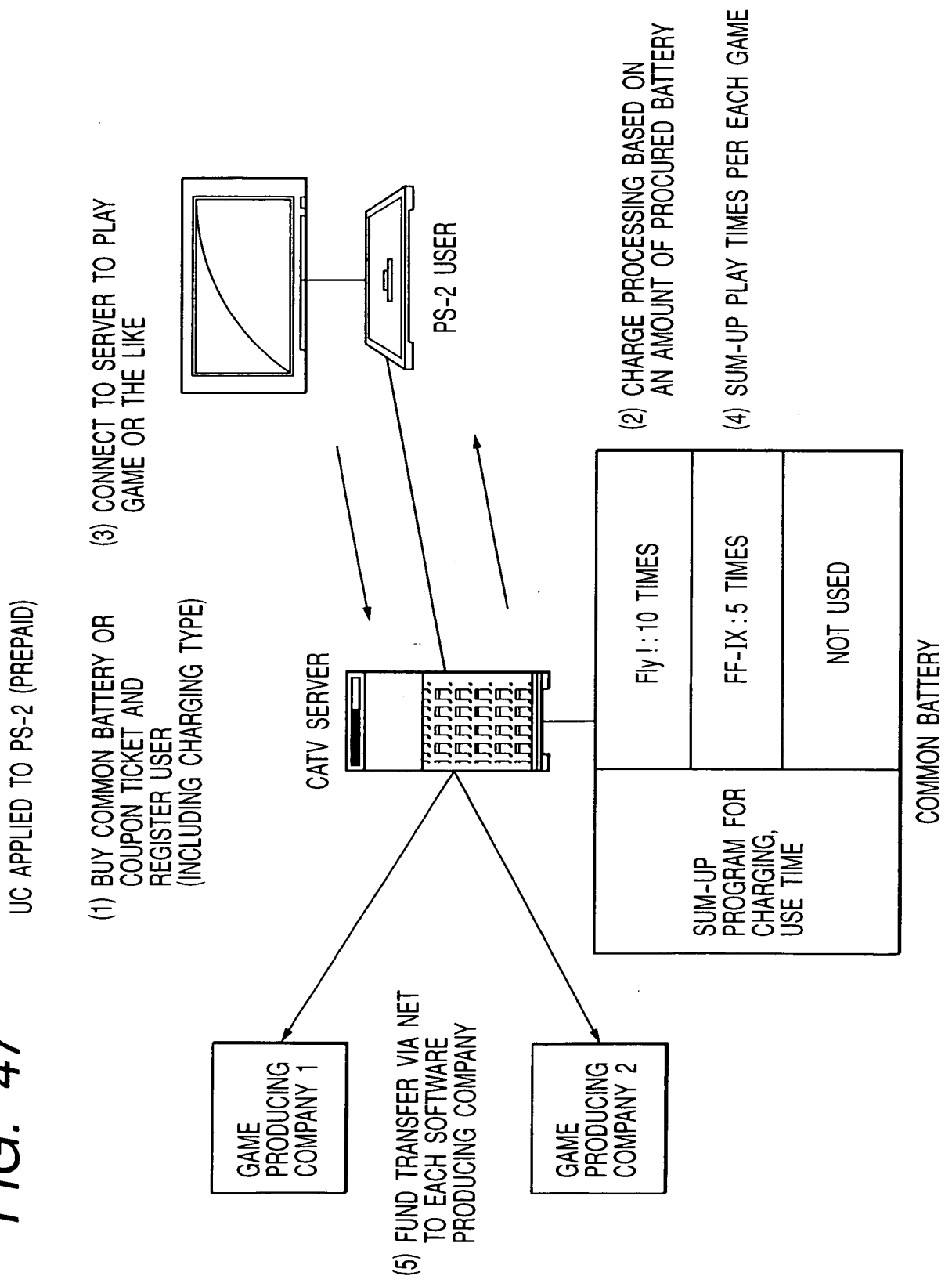


FIG. 48

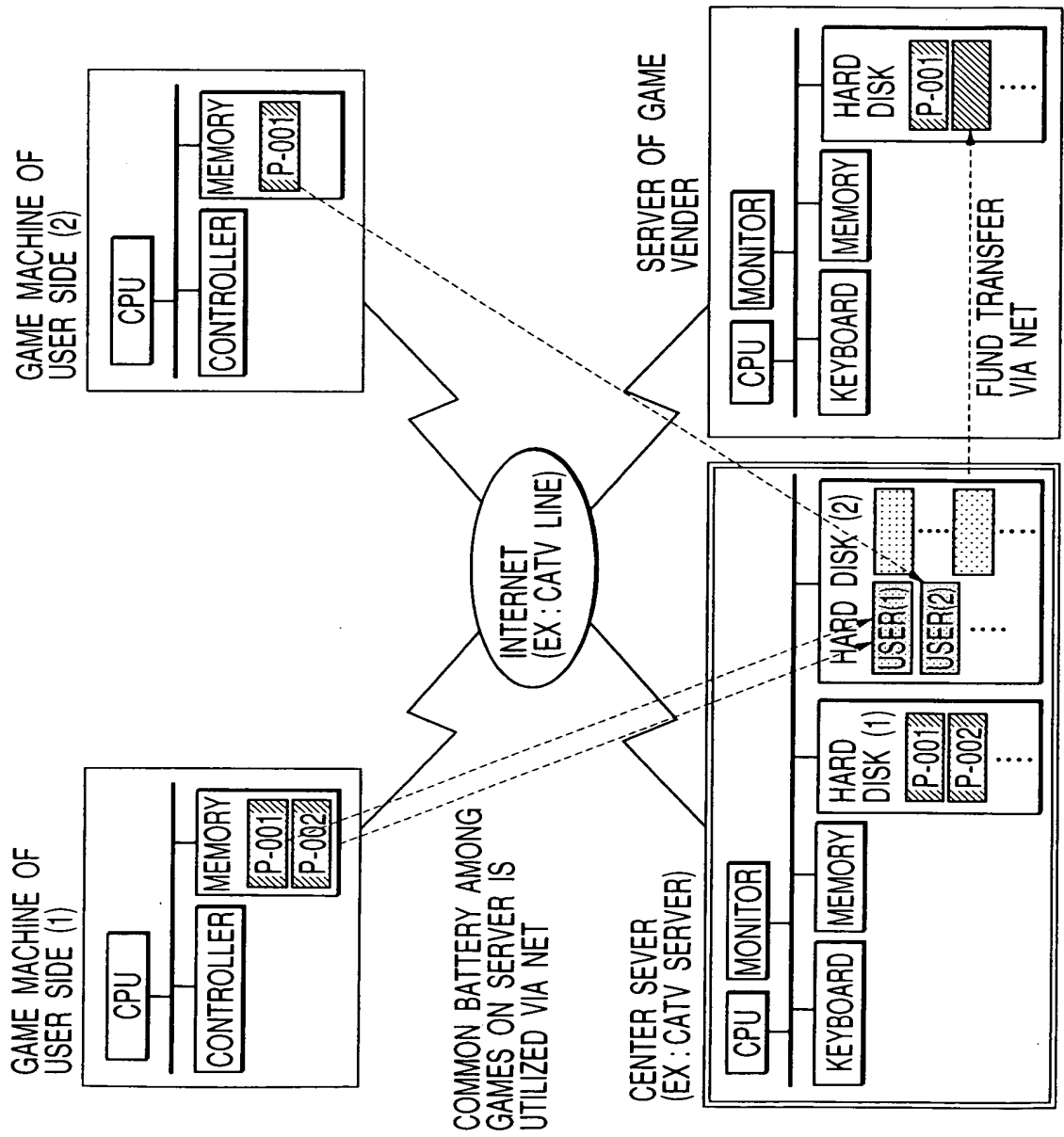
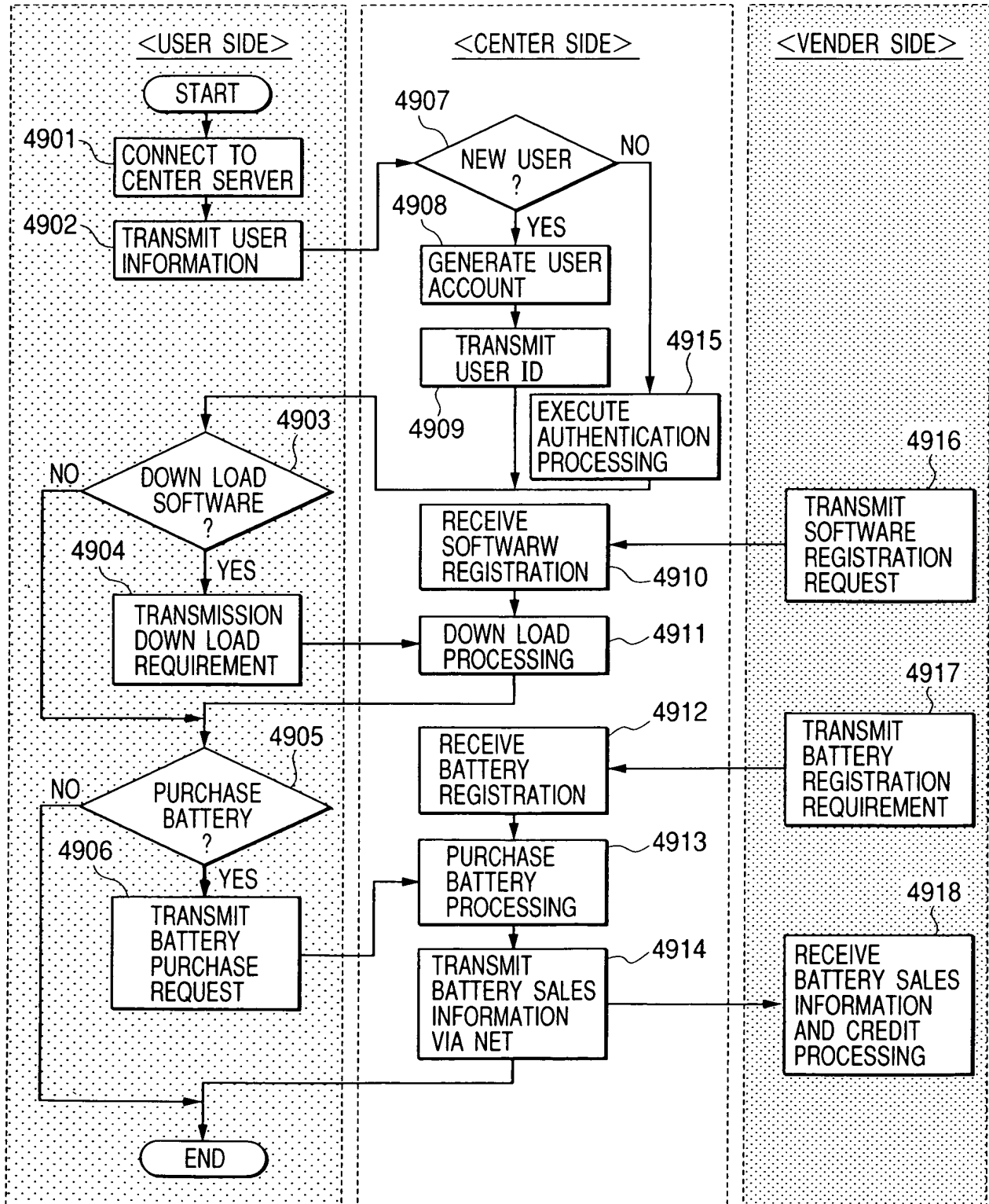


FIG. 49

INITIAL PROCESSING
FLOW

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FIG. 50A

FIG. 50

FIG. 50A

FIG. 50B

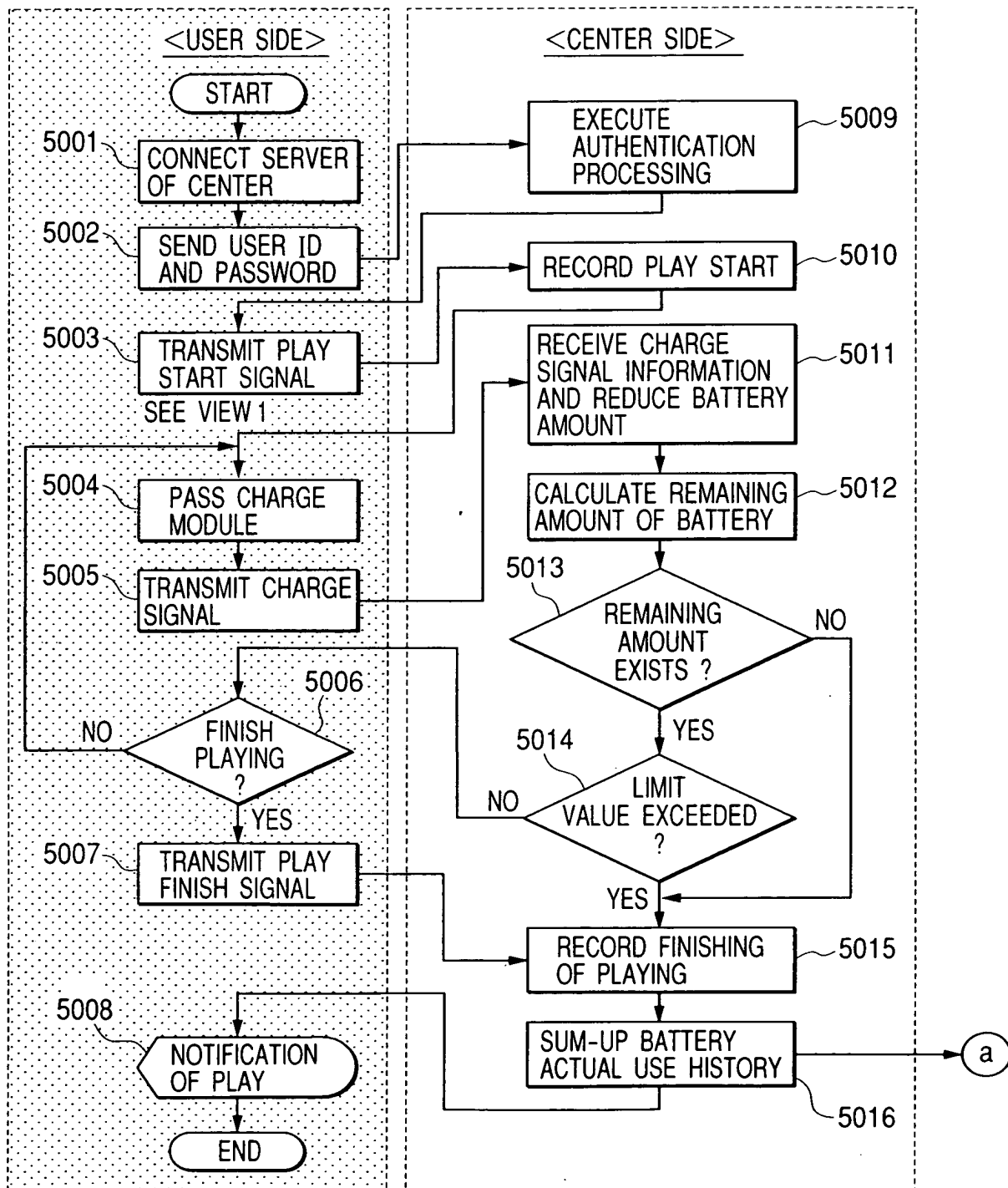
PROCESSING FLOW
UNDER PLAYING

FIG. 50B

INDICATE PLAY START

- ☒ TABLE TENNIS GAME
☐ (CLICK "START" TO PLAY)
☒
☒
- START

INDICATE THAT LIMIT
VALUE IS EXCEEDED

- ☒ PREDETERMINED USE
TIME IS EXCEEDED
☐
☒ THE END OF TODAY'S GAME !!
☒
- OK CHARGE INFO

CLICK "CHARGE INFO" TO
INDICATE DETAILED USE LIST

- ☒ STATUS OF USE ON *,*
☐ TITLE TIME REMAINING AMOUNT
OF BATTERY
- | | | |
|--------------------------------------|----|----|
| <input checked="" type="radio"/> xxx | 5 | 16 |
| <input type="radio"/> yyy | 16 | 0 |
- RETURN

<VENDER SIDE>

RECEIVE BATTERY
ACTUAL USE HISTORY
REPORT

a

09852615.051101

FIG. 51

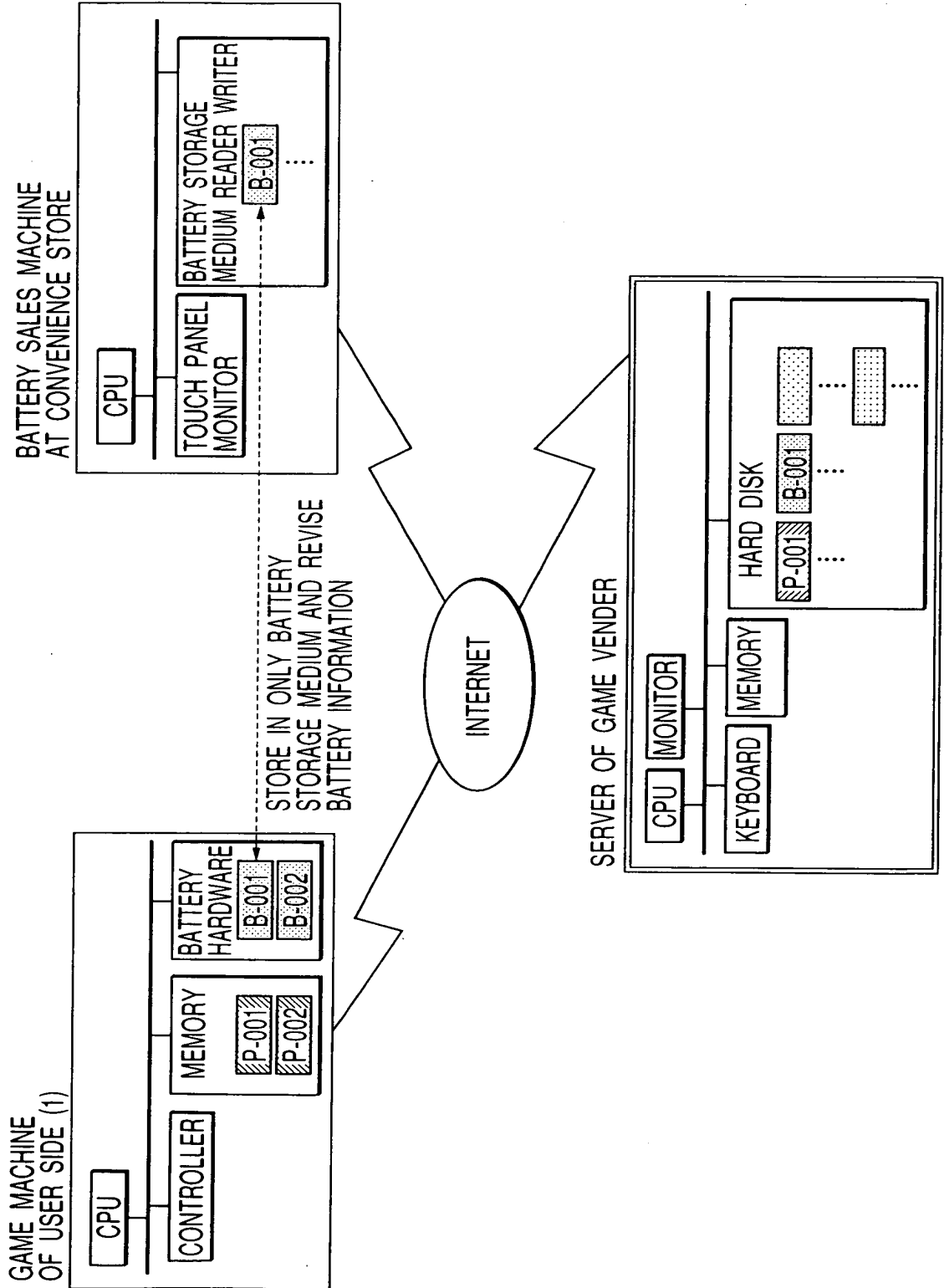


FIG. 52

SOFTWARE SALES SERVER FOR UC (PREPAID)

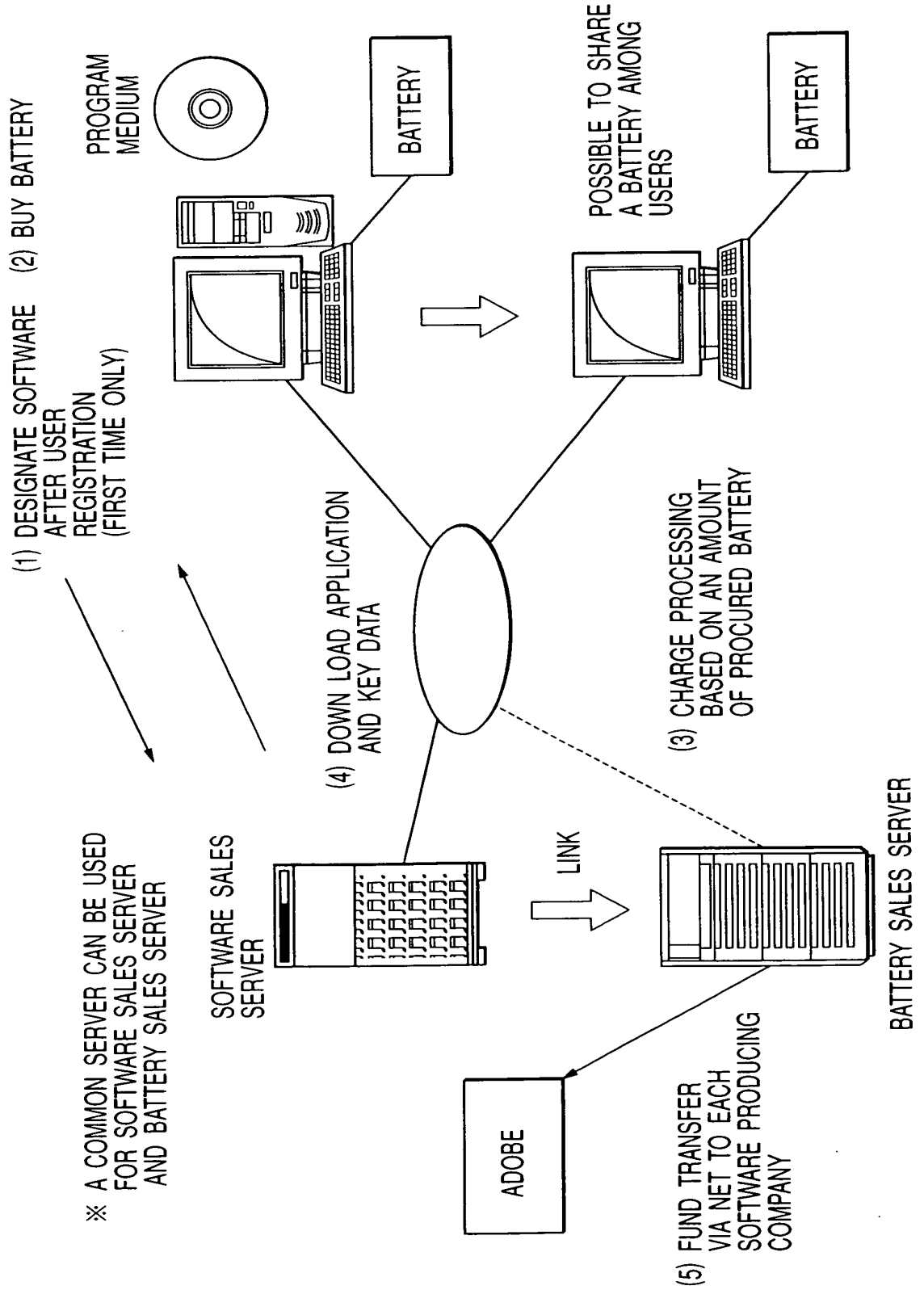


FIG. 53

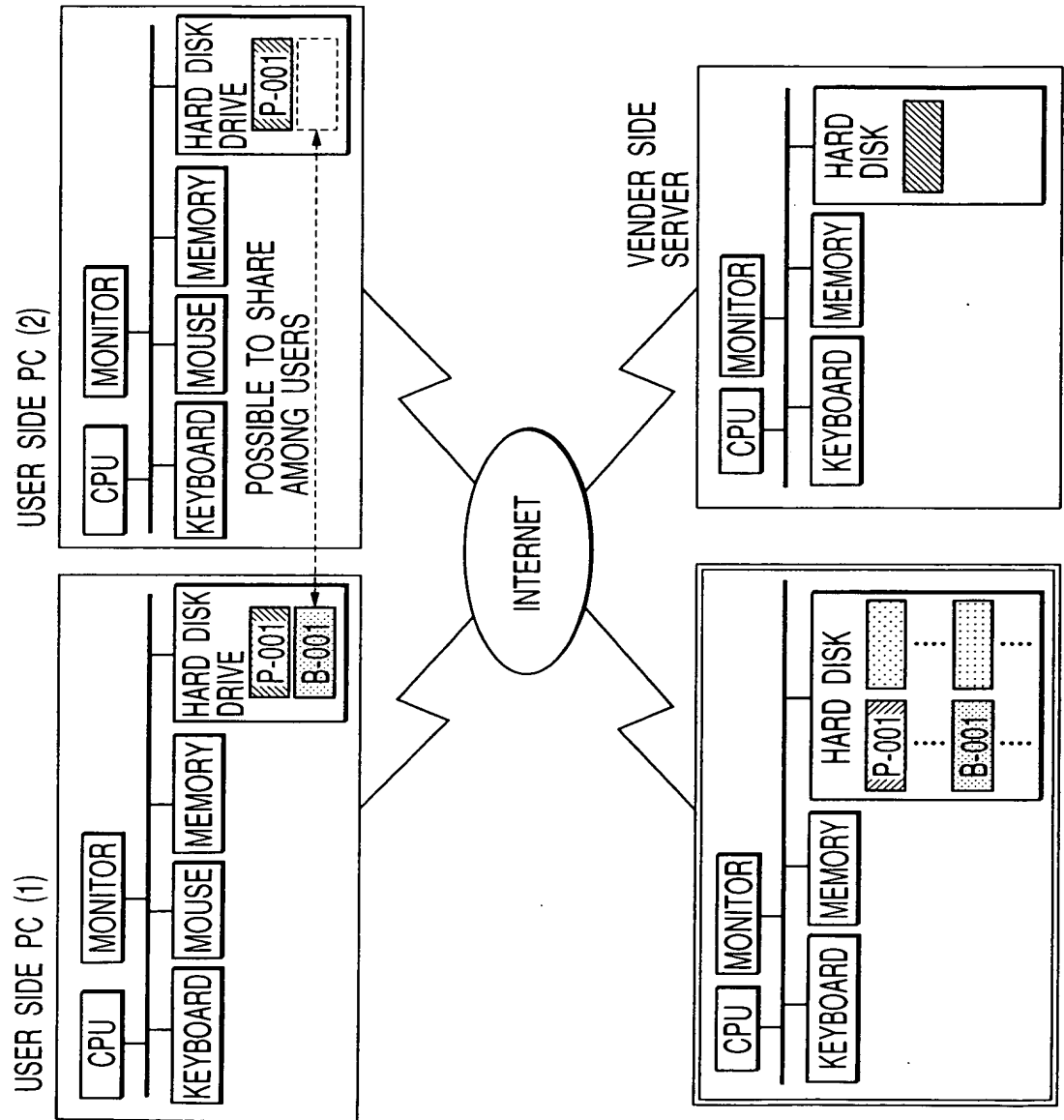
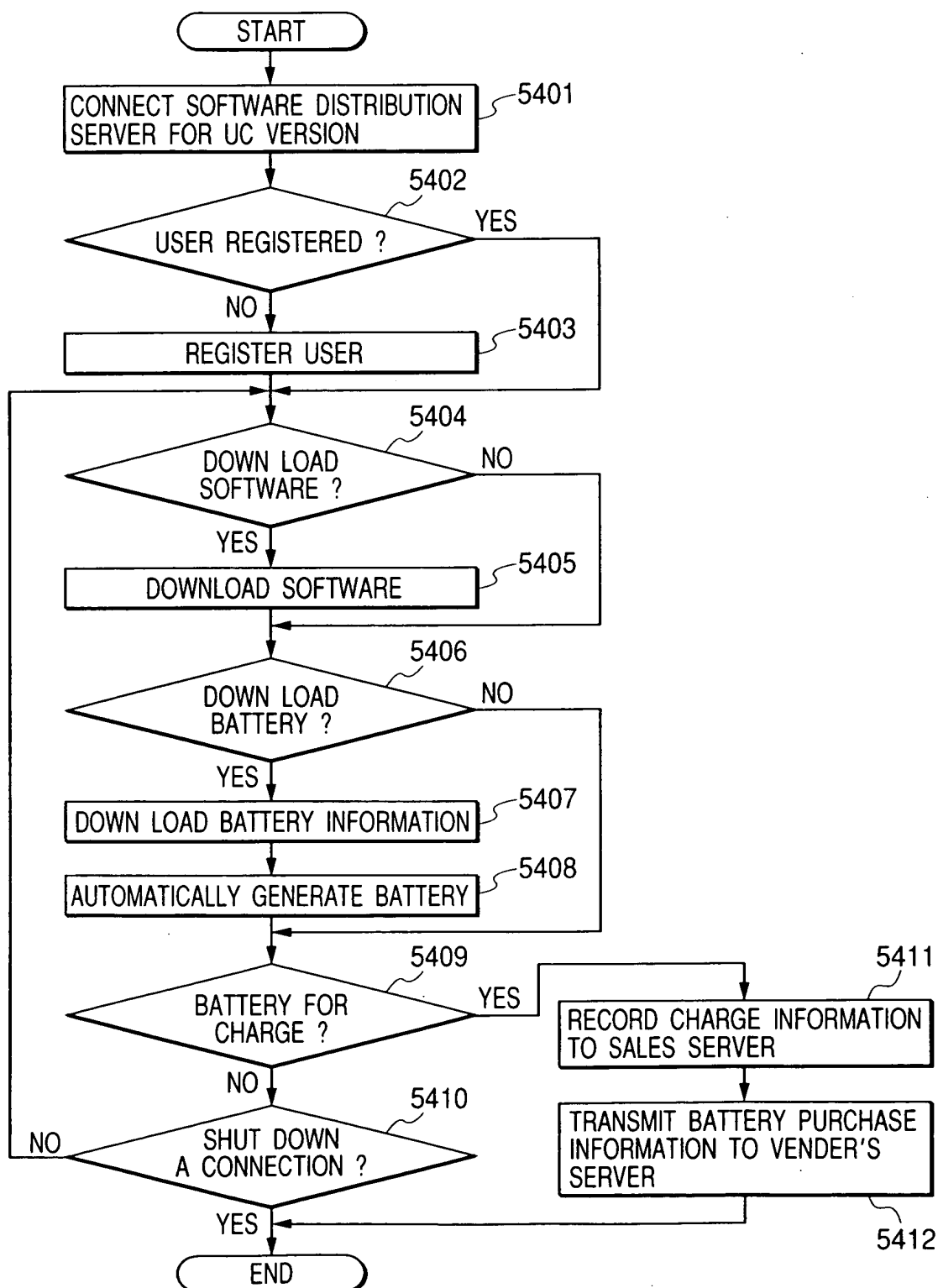


FIG. 54

PROCESSING FLOW



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FIG. 55



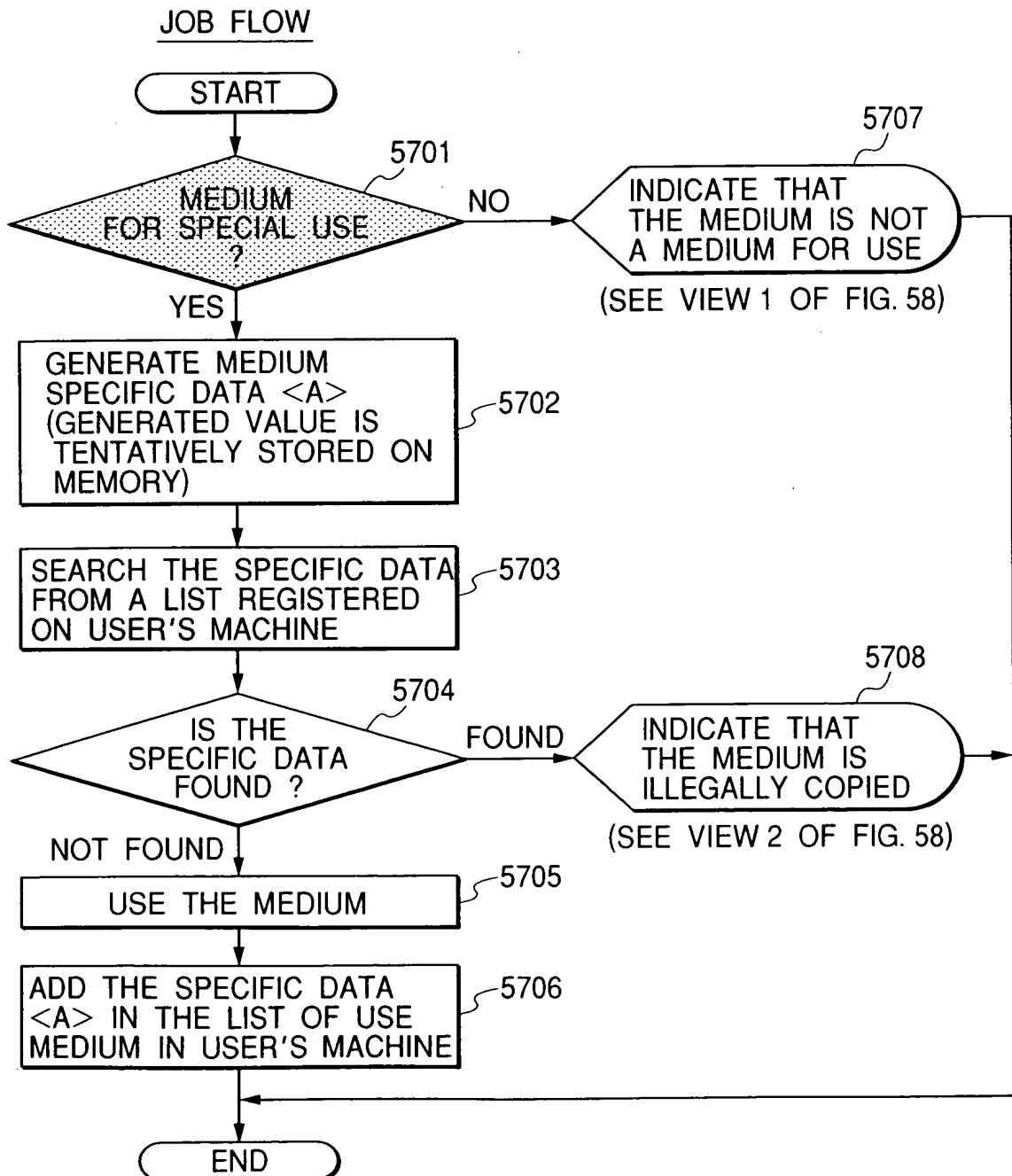
FIG. 56

VIEW 3
EMBODIMENT IN CASE THAT
MEDIUM IS FLOPPY DISK

INSERT FD FOR SPECIAL USE
ON DRIVE

OK

HELP

FIG. 57

09552615.051101

FIG. 58

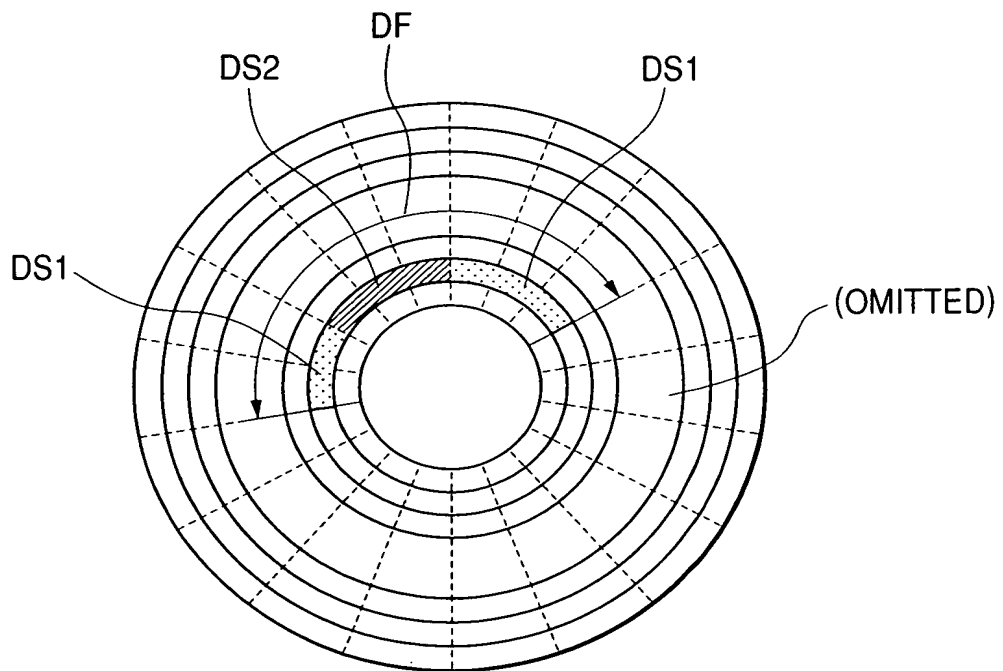
VIEW 1
THE EMBODIMENT IN CASE
THAT MEDIUM IS FLOPPYDISK

THIS FD IS NOT FD FOR
SPECIAL USE.
INSERT FD FOR SPECIAL USE.

VIEW 2
THE EMBODIMENT IN CASE
THAT MEDIUM IS FLOPPYDISK

THIS FD IS ONE COPIED
FROM ORIGINAL.
INSERT ORIGINAL FD.

FIG. 59



*FIG. 60*CONTENTS OF MANAGEMENT FILE

A SERIAL NUMBER OF MEDIUM (A PART)
FORMATTED DATE INFORMATION (A PART)
DATE INFORMATION OF THE DATE LASTLY REVISED (A PART)
DUMMY DATA
<div> <div></div> <div>DEFECTIVE AREA</div> </div>
A SERIAL NUMBER OF MEDIUM (REMAINING PART)
FORMATTED DATE INFORMATION (REMAINING PART)
DATE INFORMATION OF THE DATE LASTLY REVISED (REMAINING PART)
CHECK SUM
DUMMY DATA

09852615-051101